

Metals and Minerals, Except Petroleum: 2002

Issued July 2004

EC02-42I-03

2002 Economic Census

Wholesale Trade

Industry Series



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-- Not applicable for this report.

Introduction to the Economic Census

PURPOSES AND USES OF THE ECONOMIC CENSUS

The economic census is the major source of facts about the structure and functioning of the nation's economy. It provides essential information for government, business, industry, and the general public. Title 13 of the United States Code (Sections 131, 191, and 224) directs the Census Bureau to take the economic census every 5 years, covering years ending in "2" and "7".

The economic census furnishes an important part of the framework for such composite measures as the gross domestic product estimates, input/output measures, production and price indexes, and other statistical series that measure short-term changes in economic conditions. Specific uses of economic census data include the following:

- Policymaking agencies of the federal government use the data to monitor economic activity and to assess the effectiveness of policies.
- State and local governments use the data to assess business activities and tax bases within their jurisdictions and to develop programs to attract business.
- Trade associations study trends in their own and competing industries, which allows them to keep their members informed of market changes.
- Individual businesses use the data to locate potential markets and to analyze their own production and sales performance relative to industry or area averages.

INDUSTRY CLASSIFICATIONS

Data from the 2002 Economic Census are published primarily according to the 2002 North American Industry Classification System (NAICS). NAICS was first adopted in the United States, Canada, and Mexico in 1997. The 2002 Economic Census covers the following NAICS sectors:

21	Mining
22	Utilities
23	Construction
31-33	Manufacturing
42	Wholesale Trade
44-45	Retail Trade
48-49	Transportation and Warehousing
51	Information
52	Finance and Insurance
53	Real Estate and Rental and Leasing
54	Professional, Scientific, and Technical Services
55	Management of Companies and Enterprises
56	Administrative and Support and Waste Management and Remediation Services
61	Educational Services
62	Health Care and Social Assistance
71	Arts, Entertainment, and Recreation
72	Accommodation and Food Services
81	Other Services (except Public Administration)

(Not listed above are the Agriculture, Forestry, Fishing, and Hunting sector (NAICS 11), partially covered by the census of agriculture conducted by the U.S. Department of Agriculture, and the Public Administration sector (NAICS 92), largely covered by the census of governments conducted by the Census Bureau.)

The 20 NAICS sectors are subdivided into 100 subsectors (three-digit codes), 317 industry groups (four-digit codes), and, as implemented in the United States, 1,179 industries (six-digit codes).

RELATIONSHIP TO HISTORICAL INDUSTRY CLASSIFICATIONS

Prior to the 1997 Economic Census, data were published according to the Standard Industrial Classification (SIC) system. While many of the individual NAICS industries correspond directly to industries as defined under the SIC system, most of the higher level groupings do not. Particular care should be taken in comparing data for retail trade, wholesale trade, and manufacturing, which are sector titles used in both NAICS and SIC, but cover somewhat different groups of industries. The 1997 Economic Census *Bridge Between NAICS and SIC* demonstrates the relationships between NAICS and SIC industries. Where changes are significant, it may not be possible to construct time series that include data for points both before and after 1997.

Most industry classifications remained unchanged between 1997 and 2002, but NAICS 2002 includes substantial revisions within the construction and wholesale trade sectors, and a number of revisions for the retail trade and information sectors. These changes are noted in industry definitions and will be demonstrated in the *Bridge Between NAICS 2002 and NAICS 1997*.

For 2002, data for enterprise support establishments (those functioning primarily to support the activities of their company's operating establishments, such as a warehouse or a research and development laboratory) are included in the industry that reflects their activities (such as warehousing). For 1997, such establishments were termed auxiliaries and were excluded from industry totals.

BASIS OF REPORTING

The economic census is conducted on an establishment basis. A company operating at more than one location is required to file a separate report for each store, factory, shop, or other location. Each establishment is assigned a separate industry classification based on its primary activity and not that of its parent company. (For selected industries, only payroll, employment, and classification are collected for individual establishments, while other data are collected on a consolidated basis.)

GEOGRAPHIC AREA CODING

Accurate and complete information on the physical location of each establishment is required to tabulate the census data for states, metropolitan and micropolitan statistical areas, counties, and corporate municipalities (places) including cities, towns, townships, villages, and boroughs. Respondents were required to report their physical location (street address, municipality, county, and state) if it differed from their mailing address. For establishments not surveyed by mail (and those single-establishment companies that did not provide acceptable information on physical location), location information from administrative sources is used as a basis for coding.

AVAILABILITY OF ADDITIONAL DATA

All results of the 2002 Economic Census are available on the Census Bureau Internet site (www.census.gov) and on compact discs and digital versatile discs (CD-ROMs and DVD-ROMs) for sale by the Census Bureau. The American FactFinder system at the Internet site allows selective retrieval and downloading of the data. For more information, including a description of reports being issued, see the Internet site, write to the U.S. Census Bureau, Washington, DC 20233-6100, or call Customer Services at 301-763-4100.

HISTORICAL INFORMATION

The economic census has been taken as an integrated program at 5-year intervals since 1967 and before that for 1954, 1958, and 1963. Prior to that time, individual components of the economic census were taken separately at varying intervals.

The economic census traces its beginnings to the 1810 Decennial Census, when questions on manufacturing were included with those for population. Coverage of economic activities was expanded for the 1840 Decennial Census and subsequent censuses to include mining and some commercial activities. The 1905 Manufactures Census was the first time a census was taken apart

from the regular decennial population census. Censuses covering retail and wholesale trade and construction industries were added in 1930, as were some service trades in 1933. Censuses of construction, manufacturing, and the other business censuses were suspended during World War II.

The 1954 Economic Census was the first census to be fully integrated, providing comparable census data across economic sectors and using consistent time periods, concepts, definitions, classifications, and reporting units. It was the first census to be taken by mail, using lists of firms provided by the administrative records of other federal agencies. Since 1963, administrative records also have been used to provide basic statistics for very small firms, reducing or eliminating the need to send them census report forms.

The range of industries covered in the economic census expanded between 1967 and 2002. The census of construction industries began on a regular basis in 1967, and the scope of service industries, introduced in 1933, was broadened in 1967, 1977, and 1987. While a few transportation industries were covered as early as 1963, it was not until 1992 that the census broadened to include all of transportation, communications, and utilities. Also new for 1992 was coverage of financial, insurance, and real estate industries. With these additions, the economic census and the separate census of governments and census of agriculture collectively covered roughly 98 percent of all economic activity. New for 2002 is coverage of four industries classified in the agriculture, forestry, and fishing sector under the SIC system: landscape architectural services, landscaping services, veterinary services, and pet care services.

Printed statistical reports from the 1992 and earlier censuses provide historical figures for the study of long-term time series and are available in some large libraries. Reports for 1997 were published primarily on the Internet and copies of 1992 reports are also available there. CD-ROMs issued from the 1987, 1992, and 1997 Economic Censuses contain databases that include all or nearly all data published in print, plus additional statistics, such as ZIP Code statistics, published only on CD-ROM.

SOURCES FOR MORE INFORMATION

More information about the scope, coverage, classification system, data items, and publications for the 2002 Economic Census and related surveys is published in the *Guide to the 2002 Economic Census* at www.census.gov/econ/census02/guide. More information on the methodology, procedures, and history of the census will be published in the *History of the 2002 Economic Census* at www.census.gov/econ/www/history.html.

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Wholesale Trade

SCOPE

The Wholesale Trade sector (sector 42) comprises establishments engaged in wholesaling merchandise, generally without transformation, and rendering services incidental to the sale of merchandise.

The wholesaling process is an intermediate step in the distribution of merchandise. Wholesalers are organized to sell or arrange the purchase or sale of —

1. goods for resale (i.e., goods sold to other wholesalers or retailers),
2. capital or durable nonconsumer goods, or
3. raw and intermediate materials and supplies used in production.

Wholesalers sell merchandise to other businesses and normally operate from a warehouse or office. These warehouses and offices are characterized by having little or no display of merchandise. In addition, neither the design nor the location of the premises is intended to solicit walk-in traffic. Wholesalers do not normally use advertising directed to the general public. Customers are generally reached initially via telephone, in-person marketing, or by specialized advertising that may include Internet or other electronic means. Follow-up orders are either vendor-initiated or client-initiated, generally based on previous sales, and typically exhibit strong ties between sellers and buyers. In fact, transactions are often conducted between wholesalers and clients that have long-standing business relationships.

This sector comprises two main types of wholesalers: merchant wholesalers that sell goods on their own account and business to business electronic markets, and agents and brokers that arrange sales and purchases for others generally for a commission or fee.

1. Establishments that sell goods on their own account are known as wholesale merchants, distributors, jobbers, drop shippers, and import/export merchants. Also included as wholesale merchants are sales offices and sales branches (but not retail stores) maintained by manufacturing, refining, or mining enterprises apart from their plants or mines for the purpose of marketing their products. Merchant wholesale establishments typically maintain their own warehouse, where they receive and handle goods for their customers. Goods are generally sold without transformation, but may include integral functions, such as sorting, packaging, labeling, and other marketing services.
2. Establishments arranging for the purchase or sale of goods owned by others or purchasing goods, generally on a commission basis, are known as business to business electronic markets, agents and brokers, commission merchants, import/export agents and brokers, auction companies, and manufacturers' representatives. These establishments operate from offices and generally do not own or handle the goods they sell.

Some wholesale establishments may be connected with a single manufacturer and promote and sell the particular manufacturer's products to a wide range of other wholesalers or retailers. Other wholesalers may be connected to a retail chain, or a limited number of retail chains, and provide a variety of products needed by the retail operation(s). These wholesalers may obtain the products from a wide range of manufacturers. Still other wholesalers may not take title to the goods, but act as agents and brokers for a commission.

Although wholesaling normally denotes sales in large volumes, durable nonconsumer goods may be sold in single units. Sales of capital or durable nonconsumer goods used in the production of goods and services, such as farm machinery, medium and heavy duty trucks, and industrial machinery, are always included in wholesale trade.

Exclusions. Excluded from this sector are governmental organizations classified in the covered industries except for liquor wholesalers operated by state and local governments.

The tabulations for this sector do not include central administrative offices or other establishments that serve wholesale establishments within the same organization. Data for such establishments are classified according to the nature of the service they provide. For example, separate headquarters establishments are reported in NAICS sector 55, Management of Companies and Enterprises.

The reports described below exclude establishments of firms with no paid employees. These “nonemployers,” typically self-employed individuals or partnerships operating businesses that they have not chosen to incorporate, are reported separately in Nonemployer Statistics. The contribution of nonemployers may be examined at www.census.gov/nonemployerimpact.

Definitions. Industry categories are defined in Appendix B, NAICS Codes, Titles, and Descriptions. Other terms are defined in Appendix A, Explanation of Terms.

REPORTS

The following reports provide statistics on this sector.

Industry Series. There are 19 reports, each covering a group of related industries. The reports present, by kind of business for the United States, general statistics for establishments of firms with payroll on number of establishments, sales, payroll, and employment; comparative statistics for 2002 and 1997; product lines; and concentration of business activity in the largest firms. The data in industry reports are preliminary and subject to change in the following reports.

Geographic Area Series. There is a separate report for each state, the District of Columbia, and the United States. Each state report presents, for establishments of firms with payroll, general statistics on number of establishments, sales, payroll, employment, operating expenses, and inventory by kind of business for the state, metropolitan and micropolitan statistical areas, counties, and places with 2,500 inhabitants or more. Greater kind-of-business detail is shown for larger areas. The United States report presents data for the United States as a whole for detailed kind-of-business classifications.

Subject Series:

- **Product Lines.** This report presents sources of sales data for establishments of firms with payroll by kind of business. Data are presented for the United States and states.
- **Establishment and Firm Size (Including Legal Form of Organization).** This report presents sales, payroll, and employment data for the United States by sales size, by employment size, and by legal form of organization for establishments of firms with payroll; and by sales size (including concentration by largest firms), by employment size, and by number of establishments operated (single units and multiunits) for firms with payroll.
- **Miscellaneous Subjects.** This report presents data for a variety of industry-specific questions for establishments of firms with payroll. Presentation of data varies by kind of business.

Other reports. Data for this sector are also included in reports with multisector coverage, including *Nonemployer Statistics*, *Comparative Statistics*, *Bridge Between 2002 NAICS and 1997 NAICS*, *Business Expenses*, and the Survey of Business Owners reports.

GEOGRAPHIC AREAS COVERED

The level of geographic detail varies by report. Maps are available at www.census.gov/econ2002maps. Notes specific to areas in the state are included in Appendix D, Geographic Notes. Data may be presented for —

1. The United States as a whole.
2. States and the District of Columbia.

-
3. Metropolitan and micropolitan statistical areas. A core based statistical area (CBSA) contains a core area with a substantial population nucleus, together with adjacent communities having a high degree of social and economic integration with that core. CBSAs are differentiated into metropolitan and micropolitan statistical areas based on size criteria. Both metropolitan and micropolitan statistical areas are defined in terms of entire counties, and are listed in Appendix E, Metropolitan and Micropolitan Statistical Areas.
 - a. Metropolitan Statistical Areas (metro areas). Metro areas have at least one urbanized area of 50,000 or more population, plus adjacent territory that has a high degree of social and economic integration with the core as measured by commuting ties.
 - b. Micropolitan Statistical Areas (micro areas). Micro areas have at least one urban cluster of at least 10,000 but less than 50,000 population, plus adjacent territory that has a high degree of social and economic integration with the core as measured by commuting ties.
 - c. Metropolitan Divisions (metro divisions). If specified criteria are met, a metro area containing a single core with a population of 2.5 million or more may be subdivided to form smaller groupings of counties referred to as Metropolitan Divisions.
 - d. Combined Statistical Areas (combined areas). If specified criteria are met, adjacent metro and micro areas, in various combinations, may become the components of a new set of areas called Combined Statistical Areas. The areas that combine retain their own designations as metro or micro areas within the larger combined area.
 4. Counties and county equivalents defined as of January 1, 2002. Counties are the primary divisions of states, except in Louisiana where they are called parishes and in Alaska where they are called boroughs, census areas, and city and boroughs. Maryland, Missouri, Nevada, and Virginia have one place or more that is independent of any county organization and constitutes primary divisions of their states. These places are treated as counties and as places.
 5. Economic places.
 - a. Municipalities of 2,500 inhabitants or more defined as of January 1, 2002. These are areas of significant population incorporated as cities, boroughs, villages, or towns according to the 2000 Census of Population. For the economic census, boroughs, census areas, and city and boroughs in Alaska and boroughs in New York are not included in this category.
 - b. Consolidated cities defined as of January 1, 2002. Consolidated cities are consolidated governments that consist of separately incorporated municipalities.
 - c. Townships in Michigan, New Jersey, and Pennsylvania, and towns in New York, Wisconsin, and the six New England states with 10,000 inhabitants or more (according to the 2000 Census of Population).
 - d. Balance of county. Areas outside the entities listed above, including incorporated municipalities with populations of fewer than 2,500, towns and townships not qualifying as noted above, and the remainders of counties outside places are categorized as "Balance of county".

DOLLAR VALUES

All dollar values presented are expressed in current dollars; i.e., 2002 data are expressed in 2002 dollars, and 1997 data, in 1997 dollars. Consequently, when making comparisons with prior years, users of the data should consider the changes in prices that have occurred.

All dollar values are shown in thousands of dollars.

COMPARABILITY OF THE 1997 AND 2002 ECONOMIC CENSUSES

Both the 2002 Economic Census and the 1997 Economic Census present data based on the North American Industry Classification System (NAICS). Under the 1997 NAICS, Wholesale Trade was comprised of two subsectors: 421, Wholesale Trade, Durable Goods, and 422, Wholesale Trade,

Nondurable Goods. In addition, the U.S. Census Bureau presented data in the Wholesale Trade sector by three type-of-operation categories: 1) Merchant wholesalers, 2) Manufacturers' sales branches and offices, and 3) Agents, brokers, and commission merchants.

Under the 2002 NAICS, to recognize production differences in some types of operation, the Wholesale Trade sector was reorganized into three subsectors: 423, Merchant Wholesalers, Durable Goods; 424, Merchant Wholesalers, Nondurable Goods; and 425, Wholesale Electronic Markets and Agents and Brokers. The 2002 NAICS industry definitions for Merchant Wholesalers in subsectors 423 and 424 include type-of-operation categories for manufacturers' sales branches and offices, as well as the 1997 Census Bureau defined merchant wholesalers. Agents and brokers are defined as a separate NAICS industry in subsector 425 and are no longer included in the type-of-operation structure. For 2002, data are presented by two type-of-operation categories: 1) Merchant wholesalers, except manufacturers' sales branches and offices, and 2) Manufacturers' sales branches and offices. For more details, see Types of Operation in Appendix A.

RELIABILITY OF DATA

All data compiled for this sector are subject to nonsampling errors. Nonsampling errors can be attributed to many sources: inability to identify all cases in the actual universe; definition and classification difficulties; differences in the interpretation of questions; errors in recording or coding the data obtained; and other errors of collection, response, coverage, processing, and estimation for missing or misreported data. Data presented in the Miscellaneous Subjects and Product Lines reports for this sector are subject to sampling errors, as well as nonsampling errors.

The accuracy of these tabulated data is determined by the joint effects of the various nonsampling errors or by the joint effects of sampling and nonsampling errors. No direct measurement of these effects has been obtained except for estimation for missing or misreported data, as by the percentages shown in the tables. Precautionary steps were taken in all phases of the collection, processing, and tabulation of the data in an effort to minimize the effects of nonsampling errors. More information on the reliability of the data is included in Appendix C, Methodology.

DISCLOSURE

In accordance with federal law governing census reports (Title 13 of the United States Code), no data are published that would disclose the operations of an individual establishment or business. However, the number of establishments in a kind-of-business classification is not considered a disclosure; therefore, this information may be released even though other information is withheld. Techniques employed to limit disclosure are discussed at www.census.gov/epcd/ec02/disclosure.htm.

AVAILABILITY OF MORE FREQUENT ECONOMIC DATA

The County Business Patterns program offers annual statistics on the number of establishments, employment, and payroll classified by industry within each county, and Statistics of U.S. Businesses provides annual statistics classified by the employment size of the enterprise, further classified by industry for the United States, and by broader categories for states and metropolitan areas.

CONTACTS FOR DATA USERS

Questions about these data may be directed to the U.S. Census Bureau, Services Sector Statistics Division, Wholesale Census Branch, 1-800-541-8345 or wcb@census.gov.

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used with these data:

D	Withheld to avoid disclosing data of individual companies; data are included in higher level totals
N	Not available or not comparable
S	Withheld because estimates did not meet publication standards
X	Not applicable
Z	Less than half the unit shown
a	0 to 19 employees
b	20 to 99 employees
c	100 to 249 employees
e	250 to 499 employees
f	500 to 999 employees
g	1,000 to 2,499 employees
h	2,500 to 4,999 employees
i	5,000 to 9,999 employees
j	10,000 to 24,999 employees
k	25,000 to 49,999 employees
l	50,000 to 99,999 employees
m	100,000 employees or more
r	Revised
—	Represents zero (page image/print only)
(CC)	Consolidated city
(IC)	Independent city

Table 1. Summary Statistics for the United States: 2002

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

2002 NAICS code	Type of operation and kind of business ¹	Estab- lishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)	Percent of sales—	
							From admini- strative records ²	Estimated ³
	WHOLESALE TRADE							
4235	Metal and mineral (except petroleum) merchant wholesalers . . .	10 971	116 629 412	6 493 343	1 571 283	146 030	3.8	11.7
42351	Metal service centers and other metal merchant wholesalers	10 442	107 103 474	6 306 338	1 523 453	142 825	3.9	11.8
423510	Metal service centers and other metal merchant wholesalers	10 442	107 103 474	6 306 338	1 523 453	142 825	3.9	11.8
42352	Coal and other mineral and ore merchant wholesalers	529	9 525 938	187 005	47 830	3 205	2.1	9.7
423520	Coal and other mineral and ore merchant wholesalers	529	9 525 938	187 005	47 830	3 205	2.1	9.7
42393	Recyclable material merchant wholesalers	7 145	28 207 100	2 637 490	622 864	82 433	8.4	7.9
423930	Recyclable material merchant wholesalers	7 145	28 207 100	2 637 490	622 864	82 433	8.4	7.9
	MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES							
4235	Metal and mineral (except petroleum) merchant wholesalers . . .	10 241	80 715 727	5 716 387	1 376 370	131 480	5.5	10.7
42351	Metal service centers and other metal merchant wholesalers	9 750	75 226 627	5 558 071	1 338 240	128 596	5.6	10.8
423510	Metal service centers and other metal merchant wholesalers	9 750	75 226 627	5 558 071	1 338 240	128 596	5.6	10.8
42352	Coal and other mineral and ore merchant wholesalers	491	5 489 100	158 316	38 130	2 884	3.7	9.7
423520	Coal and other mineral and ore merchant wholesalers	491	5 489 100	158 316	38 130	2 884	3.7	9.7
42393	Recyclable material merchant wholesalers	7 145	28 207 100	2 637 490	622 864	82 433	8.4	7.9
423930	Recyclable material merchant wholesalers	7 145	28 207 100	2 637 490	622 864	82 433	8.4	7.9
	MANUFACTURERS' SALES BRANCHES AND OFFICES							
4235	Metal and mineral (except petroleum) merchant wholesalers . . .	730	35 913 685	776 956	194 913	14 550	—	13.8
42351	Metal service centers and other metal merchant wholesalers	692	31 876 847	748 267	185 213	14 229	—	14.3
423510	Metal service centers and other metal merchant wholesalers	692	31 876 847	748 267	185 213	14 229	—	14.3
42352	Coal and other mineral and ore merchant wholesalers	38	4 036 838	28 689	9 700	321	—	9.8
423520	Coal and other mineral and ore merchant wholesalers	38	4 036 838	28 689	9 700	321	—	9.8

¹For the 2002 Economic Census, the definition of Merchant Wholesalers and the kind-of-business and type-of-operation structures for the Wholesale Trade sector changed to reflect revisions to the 1997 North American Industry Classification System (NAICS). For more details, see Comparability of the 1997 and 2002 Economic Censuses.

²Includes sales information obtained from administrative records of other federal agencies.

³Includes sales information that was imputed based on historic data, administrative data, industry averages, or other statistical methods.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

Table 2. Comparative Statistics for the United States (1997 NAICS Basis): 2002 and 1997

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 and 1997 Economic Censuses. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

1997 NAICS code	Type of operation and kind of business	Establishments (number)	Sales (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)
WHOLESALE TRADE					
4215	Metal and mineral (except petroleum) wholesalers	11 998	125 284 362	6 662 295	148 887
	2002..	12 583	150 493 610	6 898 028	174 029
	1997..				
42151	Metal service centers and offices	11 403	114 588 717	6 455 144	145 450
	2002..	11 827	135 695 563	6 637 599	168 950
	1997..				
421510	Metal service centers and offices	11 403	114 588 717	6 455 144	145 450
	2002..	11 827	135 695 563	6 637 599	168 950
	1997..				
42152	Coal and other mineral and ore wholesalers	595	10 695 645	207 151	3 437
	2002..	756	14 798 047	260 429	5 079
	1997..				
421520	Coal and other mineral and ore wholesalers	595	10 695 645	207 151	3 437
	2002..	756	14 798 047	260 429	5 079
	1997..				
42193	Recyclable material wholesalers	7 236	28 623 016	2 649 023	82 732
	2002..	9 088	38 748 659	3 229 092	114 992
	1997..				
421930	Recyclable material wholesalers	7 236	28 623 016	2 649 023	82 732
	2002..	9 088	38 748 659	3 229 092	114 992
	1997..				
MERCHANT WHOLESALERS					
4215	Metal and mineral (except petroleum) wholesalers	10 241	80 715 727	5 716 387	131 480
	2002..	10 079	91 553 201	5 595 871	146 964
	1997..				
42151	Metal service centers and offices	9 750	75 226 627	5 558 071	128 596
	2002..	9 487	83 124 691	5 405 023	143 028
	1997..				
421510	Metal service centers and offices	9 750	75 226 627	5 558 071	128 596
	2002..	9 487	83 124 691	5 405 023	143 028
	1997..				
42152	Coal and other mineral and ore wholesalers	491	5 489 100	158 316	2 884
	2002..	592	8 428 510	190 848	3 936
	1997..				
421520	Coal and other mineral and ore wholesalers	491	5 489 100	158 316	2 884
	2002..	592	8 428 510	190 848	3 936
	1997..				
42193	Recyclable material wholesalers	7 145	28 207 100	2 637 490	82 433
	2002..	8 833	37 358 147	3 196 991	114 097
	1997..				
421930	Recyclable material wholesalers	7 145	28 207 100	2 637 490	82 433
	2002..	8 833	37 358 147	3 196 991	114 097
	1997..				

Note: The data in this table are based on the 2002 and 1997 Economic Censuses. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

Table 3. Product Lines by Kind of Business for the United States: 2002

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
4235		WHOLESALE TRADE						
		Metal and mineral (except petroleum) merchant wholesalers	10 971	X	116 629 412	X	100.0	75.3
	10100	New and used automobiles, motorcycles, and trailers	8	14 560	938	6.4	Z	X
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	32	44 966	5 585	12.4	Z	43.2
	10214	Brake parts, including fluid and all disk and drum parts	7	5 374	71	1.3	Z	X
	10216	Automotive glass	9	13 366	1 656	12.4	Z	X
	10218	Filters, including oil, air, gas, and transmission	7	1 889	30	1.6	Z	X
	10221	Body parts and repair materials	10	4 221	93	2.2	Z	X
	10223	Other automotive parts and supplies	19	30 325	3 519	11.6	Z	X
	10240	Used automotive parts, accessories, and equipment	57	72 168	9 127	12.6	Z	X
	10300	Tires and tubes	7	5 902	491	8.3	Z	75.3
	10312	Re-treaded and used automobile tires and repair materials.....	6	3 179	43	1.4	Z	X
	10420	Office and business furniture	6	47 922	10 909	22.8	Z	X
	10530	Flooring and floor coverings	8	17 257	1 253	7.3	Z	X
	10600	Rough, dressed, and finished dimensional lumber	53	304 636	48 819	16.0	Z	73.1
	10611	Untreated lumber	28	179 405	27 963	15.6	Z	X
	10612	Treated lumber	40	229 791	17 853	7.8	Z	X
	10613	Boards	7	49 215	3 003	6.1	Z	X
	10620	Plywood and millwork	81	790 538	84 435	10.7	.1	58.7
	10621	Softwood plywood, softwood veneer, and Oriented Strand Board (OSB).....	12	173 919	19 122	11.0	Z	X
	10622	Other panels products, including hardwood plywood, hardwood veneer, and particleboard	33	543 448	25 073	4.6	Z	X
	10623	Gypsum, waterboard, and other specialty boards	21	221 739	28 415	12.8	Z	X
	10624	Wood millwork, including moldings, doors, windows, and cabinets	23	58 254	8 511	14.6	Z	X
	10625	Metal millwork	12	22 433	3 146	14.0	Z	X
	10700	Concrete, cement, sand, gravel, stone, brick, block, and tile	44	249 023	27 191	10.9	Z	58.0
	10711	Ready-mixed or transit-mixed concrete	12	45 510	2 285	5.0	Z	X
	10712	Cement and lime	19	108 471	8 555	7.9	Z	X
	10713	Sand, gravel, and crushed stone	14	93 150	10 937	11.7	Z	X
	10714	Brick, block, tile, and clay or cement sewer pipe	9	49 488	5 414	10.9	Z	X
	10720	Nonwood roofing, nonwood siding, and insulation materials	43	352 872	64 963	18.4	.1	X
	10730	Flat glass and other construction glass	30	35 576	6 470	18.2	Z	X
	10740	Other construction products and materials	568	3 137 294	579 275	18.5	.5	X
	10900	Office equipment, excluding computers	6	18 350	423	2.3	Z	X
	11100	Semi-finished iron and steel products	1 493	19 786 311	7 042 438	35.6	6.0	59.7
	11111	Sheet bars and tin plate bars	351	3 733 260	803 380	21.5	.7	X
	11112	Wire rods	273	6 119 684	1 291 690	21.1	1.1	X
	11113	Rough castings and foundry products	414	4 811 737	1 799 122	37.4	1.5	X
	11114	Forgings	325	3 626 640	835 588	23.0	.7	X
	11116	Other semi-finished iron and steel products	634	11 434 667	2 311 481	20.2	2.0	X
	11120	Flat iron and steel products	4 405	59 053 551	38 971 314	66.0	33.4	69.6
	11121	Plates	2 188	21 791 932	3 995 915	18.3	3.4	X
	11122	Hot-rolled and cold-rolled strips	1 299	11 012 370	2 556 712	23.2	2.2	X
	11123	Cold-rolled sheets	1 844	39 197 196	7 461 418	19.0	6.4	X
	11124	Hot-rolled sheets	2 070	40 235 569	6 966 723	17.3	6.0	X
	11126	Galvanized and coated sheets	1 872	39 811 881	12 467 612	31.3	10.7	X
	11127	Tin plate and terneplate	127	2 501 694	326 564	13.1	.3	X
	11128	Fabricated and structural plate products	992	5 108 047	852 684	16.7	.7	X
	11129	Other flat iron and steel products	1 288	23 855 878	4 343 686	18.2	3.7	X
	11140	Iron and steel wire and wire products	1 868	9 072 815	3 012 798	33.2	2.6	64.3
	11141	Wire, including plain, coated, barbed, and twisted.....	931	6 059 736	1 427 373	23.6	1.2	X
	11142	Nails	536	1 969 999	733 425	37.2	.6	X
	11143	Wire rope, strand, strapping, reinforcement mesh, and bale ties	777	3 701 268	852 000	23.0	.7	X
	11150	Iron and steel pipes and tubing	3 300	29 066 956	9 549 809	32.9	8.2	69.5
	11152	Tubing	2 367	22 618 532	4 374 080	19.3	3.8	X
	11153	Standard steel pipes	2 080	18 020 074	3 407 918	18.9	2.9	X
	11154	Other steel pipes	852	8 567 733	1 766 200	20.6	1.5	X
	11160	Other iron and steel products	3 290	28 865 810	9 513 989	33.0	8.2	67.6
	11162	Hot-rolled bars and bar-size shapes, excluding reinforcement bars	1 564	14 939 359	2 187 549	14.6	1.9	X
	11163	Cold-finished bars and bar-size shapes	1 388	14 281 088	1 048 169	7.3	.9	X
	11164	Concrete reinforcement bars	1 034	7 984 034	1 815 270	22.7	1.6	X
	11165	Structural shapes, excluding bar-size shapes	1 560	14 501 030	2 484 781	17.1	2.1	X
	11167	Other finished products	1 043	8 380 022	1 978 055	23.6	1.7	X
	11170	Alloy steel	1 531	16 612 049	2 954 927	17.8	2.5	71.3
	11171	Hot-rolled or cold-finished bars	958	7 951 101	821 485	10.3	.7	X
	11173	Pipes, tubing, and plates	831	9 298 839	1 232 357	13.3	1.1	X
	11175	Other alloy steel	491	5 089 440	901 085	17.7	.8	X
	11180	Stainless steel	2 653	29 294 365	7 151 108	24.4	6.1	70.6
	11181	Plates	1 211	12 728 598	889 440	7.0	.8	X
	11182	Strip	581	7 235 844	1 274 995	17.6	1.1	X
	11183	Sheets	1 371	16 434 892	2 144 957	13.1	1.8	X
	11184	Bars and bar-size shapes	1 402	13 495 818	1 264 413	9.4	1.1	X
	11185	Other stainless steel, including tubing	1 527	15 069 425	1 577 303	10.5	1.4	X
	11200	Copper and brass	1 724	22 221 755	6 401 461	28.8	5.5	48.5
	11211	Structural copper wire mill products	214	3 949 715	1 300 754	32.9	1.1	X
	11212	Flat products, including sheets, strips, and plates	1 044	14 651 428	2 701 403	18.4	2.3	X
	11213	Tubular products	667	8 657 819	824 867	9.5	.7	X
	11214	Rods, nonelectrical wire, and extruded shapes	818	14 023 601	1 574 353	11.2	1.4	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
4235		WHOLESALE TRADE—Con.						
		Metal and mineral (except petroleum) merchant wholesalers—Con.						
	11220	Aluminum shapes and forms, including pipes and tubing	2 682	30 307 245	9 826 809	32.4	8.4	57.8
	11221	Plates - .250 inches and over	1 208	15 503 764	1 799 218	11.6	1.5	X
	11222	Sheets and coils - .006 to .249 inches	1 484	18 580 290	3 355 893	18.1	2.9	X
	11223	Rolled or extruded rods, bars, and wires, including rounds, hexes, squares, and rectangles	1 709	20 850 053	3 472 878	16.7	3.0	X
	11224	Pipes and tubing, including hollow bar, square, and rectangular tubing	1 334	14 202 716	1 054 687	7.4	.9	X
	11225	Foil - up to .005 inches	152	1 524 361	144 133	9.5	.1	X
	11230	Other nonferrous metals, including magnesium, nickel, tin, lead, and zinc, excluding gemstones	869	13 256 451	5 101 506	38.5	4.4	X
	11300	Coal and coke	325	8 354 033	7 467 492	89.4	6.4	66.6
	11311	Coal	284	7 440 337	6 974 362	93.7	6.0	X
	11312	Coke	70	724 098	487 202	67.3	.4	X
	11320	Minerals and ores, excluding coal, gemstones, and crude oil	256	6 146 595	2 774 552	45.1	2.4	X
	11400	Electrical apparatus and equipment	161	985 861	104 347	10.6	.1	X
	11500	Electric household appliances, including gas clothes dryers	9	39 317	2 657	6.8	Z	X
	11600	Electronic parts and equipment, excluding communications equipment . .	167	769 553	32 304	4.2	Z	X
	11650	Communications equipment and supplies	23	38 797	6 953	17.9	Z	X
	11700	Hardware	1 328	6 654 296	653 175	9.8	.6	60.8
	11711	Hand tools, including power driven tools	651	2 533 530	244 161	9.6	.2	X
	11712	Bolts, nuts, rivets, and other fasteners, excluding nails	1 024	5 471 351	405 702	7.4	.3	X
	11713	Cutlery	28	119 509	3 312	2.8	Z	X
	11800	Plumbing and hydronic heating equipment and supplies, including gas appliances and water heaters	188	969 152	210 362	21.7	.2	32.2
	11811	Plastic pipe fittings and valves, excluding pipes and tubing	106	427 243	32 082	7.5	Z	X
	11812	Metal pipe fittings and valves, excluding pipes and tubing	140	661 929	93 375	14.1	.1	X
	11813	Plumbing fixtures	52	182 489	16 882	9.3	Z	X
	11814	Hydronic and gas furnaces, stoves, water heaters, excluding electric . .	13	44 536	1 815	4.1	Z	X
	11815	Boilers, radiators, and convectors	25	72 439	2 734	3.8	Z	X
	11818	Other plumbing and heating equipment and supplies	56	271 894	20 254	7.4	Z	X
	11900	Forced-air heating and air-conditioning equipment and supplies	37	152 766	32 983	21.6	Z	59.5
	11911	Forced air furnaces	23	84 545	6 143	7.3	Z	X
	11912	Central air-conditioners	23	84 545	3 546	4.2	Z	X
	11916	Air cleaning and filtration systems	18	75 010	1 421	1.9	Z	X
	11918	Condensing units for air-conditioners	8	41 527	805	1.9	Z	X
	11919	Registers, grills, duct insulation, and pre-formed ductwork, excluding unformed sheet metal	31	130 942	20 926	16.0	Z	X
	12000	Refrigeration equipment and supplies, including commercial refrigerators	16	33 408	7 244	21.7	Z	59.8
	12014	Refrigerants	7	4 343	246	5.7	Z	X
	12015	Other commercial refrigeration equipment and supplies	7	3 649	273	7.5	Z	X
	12100	Construction and mining machinery and equipment, including parts and attachments	30	62 490	5 842	9.3	Z	X
	12200	Farm machinery, equipment, and parts	14	17 495	1 514	8.7	Z	X
	12220	Lawn and garden machinery, equipment, and parts	13	88 868	3 674	4.1	Z	X
	12300	Hydraulic and pneumatic pumps, motors, and parts	8	22 053	938	4.3	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	316	2 620 869	238 025	9.1	.2	X
	12330	Metalworking machinery, equipment, and parts	37	132 477	15 130	11.4	Z	X
	12340	Materials handling machinery, equipment, and parts	67	175 394	33 233	18.9	Z	50.0
	12341	New conveying equipment	39	95 174	18 024	18.9	Z	X
	12342	New hoists and cranes	35	80 853	6 545	8.1	Z	X
	12343	New forklifts	7	25 200	4 273	17.0	Z	X
	12344	New industrial trucks and tractors	7	6 971	944	13.5	Z	X
	12345	Used materials handling machinery, equipment, and parts	26	48 133	3 447	7.2	Z	X
	12350	Oil well, oil refinery, and pipeline machinery, equipment, and supplies . . .	35	300 668	28 152	9.4	Z	X
	12360	Other industrial machinery, equipment, and parts	22	67 579	5 074	7.5	Z	50.8
	12366	Other new industrial machinery and equipment, including industrial water treatment equipment	10	46 885	2 744	5.9	Z	X
	12367	Used industrial machinery and equipment	9	22 701	610	2.7	Z	X
	12370	Mechanical power transmission supplies	18	25 998	2 512	9.7	Z	50.0
	12371	Bearings and bushings	9	10 291	1 032	10.0	Z	X
	12372	Other mechanical power transmission supplies	9	18 936	845	4.5	Z	X
	12380	Industrial valves and fittings, excluding hydraulic valves and fittings	324	2 227 490	352 681	15.8	.3	X
	12390	Hydraulic and pneumatic valves	8	9 845	625	6.3	Z	X
	12400	Hydraulic and pneumatic cylinders and rotary actuators	7	26 138	1 726	6.6	Z	X
	12420	Hydraulic and pneumatic connectors and assemblies	12	41 290	10 322	25.0	Z	43.0
	12421	Hydraulic and pneumatic connectors	9	31 183	4 220	13.5	Z	X
	12422	Hydraulic and pneumatic assemblies	8	30 047	6 102	20.3	Z	X
	12440	Welding supplies, excluding gases	28	63 426	10 156	16.0	Z	X
	12450	Industrial containers and supplies	26	44 452	2 536	5.7	Z	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	236	1 009 559	53 807	5.3	Z	X
	12530	Laundry and dry-cleaning equipment and supplies	6	10 845	260	2.4	Z	X
	12630	Other transportation equipment and supplies	10	14 688	1 564	10.6	Z	X
	12700	Sporting and recreational goods and supplies	9	19 373	3 599	18.6	Z	X
	12900	Ferrous metal scrap	357	5 083 794	325 765	6.4	.3	X
	12920	Nonferrous metal scrap	407	5 055 876	674 336	13.3	.6	X
	12930	Recyclable paper and paperboard	32	74 749	3 731	5.0	Z	X
	12940	Recyclable materials, excluding metals and paper	29	36 821	4 325	11.7	Z	75.3
	12943	Recyclable plastics	25	33 346	1 617	4.8	Z	X
	12944	Recyclable glass	19	19 895	1 644	8.3	Z	X

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			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—			
						Estab- lishments with the product line	All estab- lishments ²		
4235		WHOLESALE TRADE—Con.							
		Metal and mineral (except petroleum) merchant wholesalers—Con.							
	13000	Jewelry, diamonds, gemstones, and watches	35	27 413	4 824	17.6	Z	46.6	
	13011	Diamonds and diamond jewelry where lapidary work was not performed at this location	11	18 529	3 009	16.2	Z	X	
	13012	Gemstone and pearl jewelry where lapidary work was not performed at this location	15	12 016	785	6.5	Z	X	
	13016	Other jewelry, silverware, and plated ware, including costume jewelry ..	8	4 012	784	19.5	Z	X	
	13030	Precious metals--gold, silver, and platinum, including precious metal coins.....	21	2 128 184	654 560	30.8	.6	X	
	13120	Non-lumber forest products, including cordwood, hewn posts, poles, and railroad ties	15	72 896	6 305	8.6	Z	X	
	13150	Miscellaneous durable goods	18	248 291	37 672	15.2	Z	X	
	13400	Paper and plastic products	41	57 467	10 556	18.4	Z	X	
	15300	Plastics materials and basic shapes.....	631	4 971 347	586 727	11.8	.5	X	
	15320	Industrial gases	10	8 958	938	10.5	Z	X	
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	243	4 731 663	475 026	10.0	.4	X	
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	32	377 568	36 440	9.7	Z	X	
	15420	Liquefied petroleum (LP)	8	825 702	41 446	5.0	Z	X	
	16000	Paint, paint supplies, wallpaper, and wallpaper supplies	44	134 364	8 464	6.3	Z	X	
	16120	Art goods, including novelties and souvenirs	10	24 784	7 061	28.5	Z	X	
	19700	Service receipts and labor charges, including installed parts.....	927	8 974 985	441 480	4.9	.4	71.2	
	19701	Labor charges for repair work	427	1 393 363	56 117	4.0	Z	X	
	19702	Parts installed in repair work	259	762 475	31 704	4.2	Z	X	
	19703	Other service receipts and labor charges	511	7 614 405	352 384	4.6	.3	X	
	19720	Receipts for service contracts	12	57 240	1 918	3.4	Z	X	
	19740	Receipts for installing equipment	43	93 230	12 241	13.1	Z	X	
	19810	Miscellaneous commodities	766	6 876 247	535 346	7.8	.5	X	
	19940	Rental and operating lease receipts	197	728 044	37 994	5.2	Z	X	
	19950	Construction receipts	17	36 789	10 926	29.7	Z	X	
	42351		Metal service centers and other metal merchant wholesalers	10 442	X	107 103 474	X	100.0	75.9
		10100	New and used automobiles, motorcycles, and trailers	8	14 560	938	6.4	Z	X
		10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	32	44 966	5 585	12.4	Z	43.6
		10214	Brake parts, including fluid and all disk and drum parts	7	5 374	71	1.3	Z	X
		10216	Automotive glass	9	13 366	1 656	12.4	Z	X
		10218	Filters, including oil, air, gas, and transmission	7	1 889	30	1.6	Z	X
		10221	Body parts and repair materials	10	4 221	93	2.2	Z	X
		10223	Other automotive parts and supplies	19	30 325	3 519	11.6	Z	X
		10240	Used automotive parts, accessories, and equipment	57	72 168	9 127	12.6	Z	X
		10300	Tires and tubes	7	5 902	491	8.3	Z	75.9
10312		Re-treaded and used automobile tires and repair materials.....	6	3 179	43	1.4	Z	X	
10420		Office and business furniture	6	47 922	10 909	22.8	Z	X	
10530		Flooring and floor coverings	8	17 257	1 253	7.3	Z	X	
10600		Rough, dressed, and finished dimensional lumber	53	304 636	48 819	16.0	Z	73.6	
10611		Untreated lumber	28	179 405	27 963	15.6	Z	X	
10612		Treated lumber	40	229 791	17 853	7.8	Z	X	
10613		Boards	7	49 215	3 003	6.1	Z	X	
10620		Plywood and millwork	81	790 538	84 435	10.7	.1	59.1	
10621		Softwood plywood, softwood veneer, and Oriented Strand Board (OSB).....	12	173 919	19 122	11.0	Z	X	
10622		Other panels products, including hardwood plywood, hardwood veneer, and particleboard	33	543 448	25 073	4.6	Z	X	
10623		Gypsum, waterboard, and other specialty boards	21	221 739	28 415	12.8	Z	X	
10624		Wood millwork, including moldings, doors, windows, and cabinets	23	58 254	8 511	14.6	Z	X	
10625		Metal millwork.....	12	22 433	3 146	14.0	Z	X	
10700		Concrete, cement, sand, gravel, stone, brick, block, and tile	42	195 137	18 033	9.2	Z	53.5	
10711		Ready-mixed or transit-mixed concrete	12	45 510	2 285	5.0	Z	X	
10712		Cement and lime	19	108 471	8 555	7.9	Z	X	
10713		Sand, gravel, and crushed stone	12	39 264	1 779	4.5	Z	X	
10714		Brick, block, tile, and clay or cement sewer pipe	9	49 488	5 414	10.9	Z	X	
10720		Nonwood roofing, nonwood siding, and insulation materials	43	352 872	64 963	18.4	.1	X	
10730		Flat glass and other construction glass	30	35 576	6 470	18.2	Z	X	
10740		Other construction products and materials	568	3 137 294	579 275	18.5	.5	X	
10900		Office equipment, excluding computers	6	18 350	423	2.3	Z	X	
11100		Semi-finished iron and steel products	1 485	19 664 898	7 003 893	35.6	6.5	60.1	
11111		Sheet bars and tin plate bars	351	3 733 260	803 380	21.5	.8	X	
11112		Wire rods	273	6 119 684	1 291 690	21.1	1.2	X	
11113		Rough castings and foundry products	414	4 811 737	1 799 122	37.4	1.7	X	
11114		Forgings	325	3 626 640	835 588	23.0	.8	X	
11116		Other semi-finished iron and steel products	628	11 317 778	2 274 113	20.1	2.1	X	
11120		Flat iron and steel products	4 405	59 053 551	38 971 314	66.0	36.4	70.1	
11121		Plates.....	2 188	21 791 932	3 995 915	18.3	3.7	X	
11122		Hot-rolled and cold-rolled strips.....	1 299	11 012 370	2 556 712	23.2	2.4	X	
11123		Cold-rolled sheets	1 844	39 197 196	7 461 418	19.0	7.0	X	
11124		Hot-rolled sheets	2 070	40 235 569	6 966 723	17.3	6.5	X	
11126		Galvanized and coated sheets	1 872	39 811 881	12 467 612	31.3	11.6	X	
11127		Tin plate and terneplate	127	2 501 694	326 564	13.1	.3	X	
11128		Fabricated and structural plate products	992	5 108 047	852 684	16.7	.8	X	
11129		Other flat iron and steel products	1 288	23 855 878	4 343 686	18.2	4.1	X	
11140		Iron and steel wire and wire products	1 868	9 072 815	3 012 798	33.2	2.8	64.8	
11141		Wire, including plain, coated, barbed, and twisted.....	931	6 059 736	1 427 373	23.6	1.3	X	
11142		Nails.....	536	1 969 999	733 425	37.2	.7	X	
11143		Wire rope, strand, strapping, reinforcement mesh, and bale ties	777	3 701 268	852 000	23.0	.8	X	

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Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
42351		WHOLESALE TRADE—Con.						
		Metal service centers and other metal merchant wholesalers—Con.						
	11150	Iron and steel pipes and tubing	3 298	29 066 592	9 549 781	32.9	8.9	70.0
	11152	Tubing	2 367	22 618 532	4 374 080	19.3	4.1	X
	11153	Standard steel pipes	2 080	18 020 074	3 407 918	18.9	3.2	X
	11154	Other steel pipes	852	8 567 733	1 766 200	20.6	1.6	X
	11160	Other iron and steel products	3 286	28 851 382	9 513 824	33.0	8.9	68.2
	11162	Hot-rolled bars and bar-size shapes, excluding reinforcement bars	1 564	14 939 359	2 187 549	14.6	2.0	X
	11163	Cold-finished bars and bar-size shapes	1 388	14 281 088	1 048 169	7.3	1.0	X
	11164	Concrete reinforcement bars	1 034	7 984 034	1 815 270	22.7	1.7	X
	11165	Structural shapes, excluding bar-size shapes	1 560	14 501 030	2 484 781	17.1	2.3	X
	11167	Other finished products	1 043	8 380 022	1 978 055	23.6	1.8	X
	11170	Alloy steel	1 531	16 612 049	2 954 927	17.8	2.8	71.9
	11171	Hot-rolled or cold-finished bars	958	7 951 101	821 485	10.3	.8	X
	11173	Pipes, tubing, and plates	831	9 298 839	1 232 357	13.3	1.2	X
	11175	Other alloy steel	491	5 089 440	901 085	17.7	.8	X
	11180	Stainless steel	2 653	29 294 365	7 151 108	24.4	6.7	71.1
	11181	Plates	1 211	12 728 598	889 440	7.0	.8	X
	11182	Strip	581	7 235 844	1 274 995	17.6	1.2	X
	11183	Sheets	1 371	16 434 892	2 144 957	13.1	2.0	X
	11184	Bars and bar-size shapes	1 402	13 495 818	1 264 413	9.4	1.2	X
	11185	Other stainless steel, including tubing	1 527	15 069 425	1 577 303	10.5	1.5	X
	11200	Copper and brass	1 722	22 221 391	6 401 377	28.8	6.0	48.9
	11211	Structural copper wire mill products	214	3 949 715	1 300 754	32.9	1.2	X
	11212	Flat products, including sheets, strips, and plates	1 044	14 651 428	2 701 403	18.4	2.5	X
	11213	Tubular products	667	8 657 819	824 867	9.5	.8	X
	11214	Rods, nonelectrical wire, and extruded shapes	818	14 023 601	1 574 353	11.2	1.5	X
	11220	Aluminum shapes and forms, including pipes and tubing	2 682	30 307 245	9 826 809	32.4	9.2	58.3
	11221	Plates - .250 inches and over	1 208	15 503 764	1 799 218	11.6	1.7	X
	11222	Sheets and coils - .006 to .249 inches	1 484	18 580 290	3 355 893	18.1	3.1	X
	11223	Rolled or extruded rods, bars, and wires, including rounds, hexes, squares, and rectangles	1 709	20 850 053	3 472 878	16.7	3.2	X
	11224	Pipes and tubing, including hollow bar, square, and rectangular tubing	1 334	14 202 716	1 054 687	7.4	1.0	X
	11225	Foil - up to .005 inches	152	1 524 361	144 133	9.5	.1	X
	11230	Other nonferrous metals, including magnesium, nickel, tin, lead, and zinc, excluding gemstones	867	13 111 516	5 097 172	38.9	4.8	X
	11300	Coal and coke	9	689 390	13 267	1.9	Z	X
	11320	Minerals and ores, excluding coal, gemstones, and crude oil	22	4 000 417	947 974	23.7	.9	X
	11400	Electrical apparatus and equipment	161	985 861	104 347	10.6	.1	X
	11500	Electric household appliances, including gas clothes dryers	9	39 317	2 657	6.8	Z	X
	11600	Electronic parts and equipment, excluding communications equipment ..	167	769 553	32 304	4.2	Z	X
	11650	Communications equipment and supplies	23	38 797	6 953	17.9	Z	X
	11700	Hardware	1 328	6 654 296	653 175	9.8	.6	61.3
	11711	Hand tools, including power driven tools	651	2 533 530	244 161	9.6	.2	X
	11712	Bolts, nuts, rivets, and other fasteners, excluding nails	1 024	5 471 351	405 702	7.4	.4	X
	11713	Cutlery	28	119 509	3 312	2.8	Z	X
	11800	Plumbing and hydronic heating equipment and supplies, including gas appliances and water heaters	188	969 152	210 362	21.7	.2	32.5
	11811	Plastic pipe fittings and valves, excluding pipes and tubing	106	427 243	32 082	7.5	Z	X
	11812	Metal pipe fittings and valves, excluding pipes and tubing	140	661 929	93 375	14.1	.1	X
	11813	Plumbing fixtures	52	182 489	16 882	9.3	Z	X
	11814	Hydronic and gas furnaces, stoves, water heaters, excluding electric ..	13	44 536	1 815	4.1	Z	X
	11815	Boilers, radiators, and convectors	25	72 439	2 734	3.8	Z	X
	11818	Other plumbing and heating equipment and supplies	56	271 894	20 254	7.4	Z	X
	11900	Forced-air heating and air-conditioning equipment and supplies	37	152 766	32 983	21.6	Z	60.0
	11911	Forced air furnaces	23	84 545	6 143	7.3	Z	X
	11912	Central air-conditioners	23	84 545	3 546	4.2	Z	X
	11916	Air cleaning and filtration systems	18	75 010	1 421	1.9	Z	X
	11918	Condensing units for air-conditioners	8	41 527	805	1.9	Z	X
	11919	Registers, grills, duct insulation, and pre-formed ductwork, excluding unformed sheet metal	31	130 942	20 926	16.0	Z	X
	12000	Refrigeration equipment and supplies, including commercial refrigerators	16	33 408	7 244	21.7	Z	60.3
	12014	Refrigerants	7	4 343	246	5.7	Z	X
	12015	Other commercial refrigeration equipment and supplies	7	3 649	273	7.5	Z	X
	12100	Construction and mining machinery and equipment, including parts and attachments	30	62 490	5 842	9.3	Z	X
	12200	Farm machinery, equipment, and parts	14	17 495	1 514	8.7	Z	X
	12220	Lawn and garden machinery, equipment, and parts	13	88 868	3 674	4.1	Z	X
	12300	Hydraulic and pneumatic pumps, motors, and parts	8	22 053	938	4.3	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	314	2 614 118	237 689	9.1	.2	X
	12330	Metalworking machinery, equipment, and parts	37	132 477	15 130	11.4	Z	X
	12340	Materials handling machinery, equipment, and parts	67	175 394	33 233	18.9	Z	50.4
	12341	New conveying equipment	39	95 174	18 024	18.9	Z	X
	12342	New hoists and cranes	35	80 853	6 545	8.1	Z	X
	12343	New forklifts	7	25 200	4 273	17.0	Z	X
	12344	New industrial trucks and tractors	7	6 971	944	13.5	Z	X
	12345	Used materials handling machinery, equipment, and parts	26	48 133	3 447	7.2	Z	X
	12350	Oil well, oil refinery, and pipeline machinery, equipment, and supplies ...	35	300 668	28 152	9.4	Z	X
	12360	Other industrial machinery, equipment, and parts	22	67 579	5 074	7.5	Z	51.2
	12366	Other new industrial machinery and equipment, including industrial water treatment equipment	10	46 885	2 744	5.9	Z	X
	12367	Used industrial machinery and equipment	9	22 701	610	2.7	Z	X

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
42351		WHOLESALE TRADE—Con.						
		Metal service centers and other metal merchant wholesalers—Con.						
	12370	Mechanical power transmission supplies	18	25 998	2 512	9.7	Z	50.4
	12371	Bearings and bushings	9	10 291	1 032	10.0	Z	X
	12372	Other mechanical power transmission supplies	9	18 936	845	4.5	Z	X
	12380	Industrial valves and fittings, excluding hydraulic valves and fittings	324	2 227 490	352 681	15.8	.3	X
	12390	Hydraulic and pneumatic valves	8	9 845	625	6.3	Z	X
	12400	Hydraulic and pneumatic cylinders and rotary actuators	7	26 138	1 726	6.6	Z	X
	12420	Hydraulic and pneumatic connectors and assemblies	12	41 290	10 322	25.0	Z	43.3
	12421	Hydraulic and pneumatic connectors	9	31 183	4 220	13.5	Z	X
	12422	Hydraulic and pneumatic assemblies	8	30 047	6 102	20.3	Z	X
	12440	Welding supplies, excluding gases	28	63 426	10 156	16.0	Z	X
	12450	Industrial containers and supplies	24	43 570	2 452	5.6	Z	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	226	858 552	52 142	6.1	Z	X
	12530	Laundry and dry-cleaning equipment and supplies	6	10 845	260	2.4	Z	X
	12630	Other transportation equipment and supplies	10	14 688	1 564	10.6	Z	X
	12700	Sporting and recreational goods and supplies	9	19 373	3 599	18.6	Z	X
	12900	Ferrous metal scrap	355	5 073 471	322 670	6.4	.3	X
	12920	Nonferrous metal scrap	407	5 055 876	674 336	13.3	.6	X
	12930	Recyclable paper and paperboard	32	74 749	3 731	5.0	Z	X
	12940	Recyclable materials, excluding metals and paper	29	36 821	4 325	11.7	Z	75.9
	12943	Recyclable plastics	25	33 346	1 617	4.8	Z	X
	12944	Recyclable glass	19	19 895	1 644	8.3	Z	X
	13000	Jewelry, diamonds, gemstones, and watches	12	15 104	1 244	8.2	Z	62.1
	13016	Other jewelry, silverware, and plated ware, including costume jewelry ..	6	3 399	580	17.1	Z	X
	13030	Precious metals—gold, silver, and platinum, including precious metal coins	19	2 125 957	654 322	30.8	.6	X
	13120	Non-lumber forest products, including cordwood, hewn posts, poles, and railroad ties	15	72 896	6 305	8.6	Z	X
	13150	Miscellaneous durable goods	18	248 291	37 672	15.2	Z	X
	13400	Paper and plastic products	39	49 889	9 800	19.6	Z	X
	15300	Plastics materials and basic shapes	623	4 942 157	575 970	11.7	.5	X
	15320	Industrial gases	10	8 958	938	10.5	Z	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	222	4 433 491	403 873	9.1	.4	X
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	26	354 233	29 983	8.5	Z	X
	15420	Liquefied petroleum (LP)	8	825 702	41 446	5.0	Z	X
	16000	Paint, paint supplies, wallpaper, and wallpaper supplies	42	132 893	8 422	6.3	Z	X
	16120	Art goods, including novelties and souvenirs	6	24 059	6 924	28.8	Z	X
	17000	Service receipts and labor charges, including installed parts	913	8 855 600	432 723	4.9	.4	72.2
	1701	Labor charges for repair work	427	1 393 363	56 117	4.0	.1	X
	1702	Parts installed in repair work	259	762 475	31 704	4.2	Z	X
	1703	Other service receipts and labor charges	503	7 515 260	344 902	4.6	.3	X
	19720	Receipts for service contracts	10	43 789	1 877	4.3	Z	X
	19740	Receipts for installing equipment	43	93 230	12 241	13.1	Z	X
	19810	Miscellaneous commodities	717	6 315 062	457 993	7.3	.4	X
	19940	Rental and operating lease receipts	187	649 639	37 228	5.7	Z	X
	19950	Construction receipts	17	36 789	10 926	29.7	Z	X
423510		Metal service centers and other metal merchant wholesalers	10 442	X	107 103 474	X	100.0	75.9
	10100	New and used automobiles, motorcycles, and trailers	8	14 560	938	6.4	Z	X
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	32	44 966	5 585	12.4	Z	43.6
	10214	Brake parts, including fluid and all disk and drum parts	7	5 374	71	1.3	Z	X
	10216	Automotive glass	9	13 366	1 656	12.4	Z	X
	10218	Filters, including oil, air, gas, and transmission	7	1 889	30	1.6	Z	X
	10221	Body parts and repair materials	10	4 221	93	2.2	Z	X
	10223	Other automotive parts and supplies	19	30 325	3 519	11.6	Z	X
	10240	Used automotive parts, accessories, and equipment	57	72 168	9 127	12.6	Z	X
	10300	Tires and tubes	7	5 902	491	8.3	Z	75.9
	10312	Re-treaded and used automobile tires and repair materials	6	3 179	43	1.4	Z	X
	10420	Office and business furniture	6	47 922	10 909	22.8	Z	X
	10530	Flooring and floor coverings	8	17 257	1 253	7.3	Z	X
	10600	Rough, dressed, and finished dimensional lumber	53	304 636	48 819	16.0	Z	73.6
	10611	Untreated lumber	28	179 405	27 963	15.6	Z	X
	10612	Treated lumber	40	229 791	17 853	7.8	Z	X
	10613	Boards	7	49 215	3 003	6.1	Z	X
	10620	Plywood and millwork	81	790 538	84 435	10.7	.1	59.1
	10621	Softwood plywood, softwood veneer, and Oriented Strand Board (OSB)	12	173 919	19 122	11.0	Z	X
	10622	Other panels products, including hardwood plywood, hardwood veneer, and particleboard	33	543 448	25 073	4.6	Z	X
	10623	Gypsum, waterboard, and other specialty boards	21	221 739	28 415	12.8	Z	X
	10624	Wood millwork, including moldings, doors, windows, and cabinets	23	58 254	8 511	14.6	Z	X
	10625	Metal millwork	12	22 433	3 146	14.0	Z	X
	10700	Concrete, cement, sand, gravel, stone, brick, block, and tile	42	195 137	18 033	9.2	Z	53.5
	10711	Ready-mixed or transit-mixed concrete	12	45 510	2 285	5.0	Z	X
	10712	Cement and lime	19	108 471	8 555	7.9	Z	X
	10713	Sand, gravel, and crushed stone	12	39 264	1 779	4.5	Z	X
	10714	Brick, block, tile, and clay or cement sewer pipe	9	49 488	5 414	10.9	Z	X
	10720	Nonwood roofing, nonwood siding, and insulation materials	43	352 872	64 963	18.4	.1	X
	10730	Flat glass and other construction glass	30	35 576	6 470	18.2	Z	X
	10740	Other construction products and materials	568	3 137 294	579 275	18.5	.5	X
	10900	Office equipment, excluding computers	6	18 350	423	2.3	Z	X

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423510		WHOLESALE TRADE—Con.						
		Metal service centers and other metal merchant wholesalers—Con.						
	11100	Semi-finished iron and steel products	1 485	19 664 898	7 003 893	35.6	6.5	60.1
	11111	Sheet bars and tin plate bars	351	3 733 260	803 380	21.5	.8	X
	11112	Wire rods	273	6 119 684	1 291 690	21.1	1.2	X
	11113	Rough castings and foundry products	414	4 811 737	1 799 122	37.4	1.7	X
	11114	Forgings	325	3 626 640	835 588	23.0	.8	X
	11116	Other semi-finished iron and steel products	628	11 317 778	2 274 113	20.1	2.1	X
	11120	Flat iron and steel products	4 405	59 053 551	38 971 314	66.0	36.4	70.1
	11121	Plates	2 188	21 791 932	3 995 915	18.3	3.7	X
	11122	Hot-rolled and cold-rolled strips	1 299	11 012 370	2 556 712	23.2	2.4	X
	11123	Cold-rolled sheets	1 844	39 197 196	7 461 418	19.0	7.0	X
	11124	Hot-rolled sheets	2 070	40 235 569	6 966 723	17.3	6.5	X
	11126	Galvanized and coated sheets	1 872	39 811 881	12 467 612	31.3	11.6	X
	11127	Tin plate and terneplate	127	2 501 694	326 564	13.1	.3	X
	11128	Fabricated and structural plate products	992	5 108 047	852 684	16.7	.8	X
	11129	Other flat iron and steel products	1 288	23 855 878	4 343 686	18.2	4.1	X
	11140	Iron and steel wire and wire products	1 868	9 072 815	3 012 798	33.2	2.8	64.8
	11141	Wire, including plain, coated, barbed, and twisted	931	6 059 736	1 427 373	23.6	1.3	X
	11142	Nails	536	1 969 999	733 425	37.2	.7	X
	11143	Wire rope, strand, strapping, reinforcement mesh, and bale ties	777	3 701 268	852 000	23.0	.8	X
	11150	Iron and steel pipes and tubing	3 298	29 066 592	9 549 781	32.9	8.9	70.0
	11152	Tubing	2 367	22 618 532	4 374 080	19.3	4.1	X
	11153	Standard steel pipes	2 080	18 020 074	3 407 918	18.9	3.2	X
	11154	Other steel pipes	852	8 567 733	1 766 200	20.6	1.6	X
	11160	Other iron and steel products	3 286	28 851 382	9 513 824	33.0	8.9	68.2
	11162	Hot-rolled bars and bar-size shapes, excluding reinforcement bars	1 564	14 939 359	2 187 549	14.6	2.0	X
	11163	Cold-finished bars and bar-size shapes	1 388	14 281 088	1 048 169	7.3	1.0	X
	11164	Concrete reinforcement bars	1 034	7 984 034	1 815 270	22.7	1.7	X
	11165	Structural shapes, excluding bar-size shapes	1 560	14 501 030	2 484 781	17.1	2.3	X
	11167	Other finished products	1 043	8 380 022	1 978 055	23.6	1.8	X
	11170	Alloy steel	1 531	16 612 049	2 954 927	17.8	2.8	71.9
	11171	Hot-rolled or cold-finished bars	958	7 951 101	821 485	10.3	.8	X
	11173	Pipes, tubing, and plates	831	9 298 839	1 232 357	13.3	1.2	X
	11175	Other alloy steel	491	5 089 440	901 085	17.7	.8	X
	11180	Stainless steel	2 653	29 294 365	7 151 108	24.4	6.7	71.1
	11181	Plates	1 211	12 728 598	889 440	7.0	.8	X
	11182	Strip	581	7 235 844	1 274 995	17.6	1.2	X
	11183	Sheets	1 371	16 434 892	2 144 957	13.1	2.0	X
	11184	Bars and bar-size shapes	1 402	13 495 818	1 264 413	9.4	1.2	X
	11185	Other stainless steel, including tubing	1 527	15 069 425	1 577 303	10.5	1.5	X
	11200	Copper and brass	1 722	22 221 391	6 401 377	28.8	6.0	48.9
	11211	Structural copper wire mill products	214	3 949 715	1 300 754	32.9	1.2	X
	11212	Flat products, including sheets, strips, and plates	1 044	14 651 428	2 701 403	18.4	2.5	X
	11213	Tubular products	667	8 657 819	824 867	9.5	.8	X
	11214	Rods, nonelectrical wire, and extruded shapes	818	14 023 601	1 574 353	11.2	1.5	X
	11220	Aluminum shapes and forms, including pipes and tubing	2 682	30 307 245	9 826 809	32.4	9.2	58.3
	11221	Plates - .250 inches and over	1 208	15 503 764	1 799 218	11.6	1.7	X
	11222	Sheets and coils - .006 to .249 inches	1 484	18 580 290	3 355 893	18.1	3.1	X
	11223	Rolled or extruded rods, bars, and wires, including rounds, hexes, squares, and rectangles	1 709	20 850 053	3 472 878	16.7	3.2	X
	11224	Pipes and tubing, including hollow bar, square, and rectangular tubing	1 334	14 202 716	1 054 687	7.4	1.0	X
	11225	Foil - up to .005 inches	152	1 524 361	144 133	9.5	.1	X
	11230	Other nonferrous metals, including magnesium, nickel, tin, lead, and zinc, excluding gemstones	867	13 111 516	5 097 172	38.9	4.8	X
	11300	Coal and coke	9	689 390	13 267	1.9	Z	X
	11320	Minerals and ores, excluding coal, gemstones, and crude oil	22	4 000 417	947 974	23.7	.9	X
	11400	Electrical apparatus and equipment	161	985 861	104 347	10.6	.1	X
	11500	Electric household appliances, including gas clothes dryers	9	39 317	2 657	6.8	Z	X
	11600	Electronic parts and equipment, excluding communications equipment ..	167	769 553	32 304	4.2	Z	X
	11650	Communications equipment and supplies	23	38 797	6 953	17.9	Z	X
	11700	Hardware	1 328	6 654 296	653 175	9.8	.6	61.3
	11711	Hand tools, including power driven tools	651	2 533 530	244 161	9.6	.2	X
	11712	Bolts, nuts, rivets, and other fasteners, excluding nails	1 024	5 471 351	405 702	7.4	.4	X
	11713	Cutlery	28	119 509	3 312	2.8	Z	X
	11800	Plumbing and hydronic heating equipment and supplies, including gas appliances and water heaters	188	969 152	210 362	21.7	.2	32.5
	11811	Plastic pipe fittings and valves, excluding pipes and tubing	106	427 243	32 082	7.5	Z	X
	11812	Metal pipe fittings and valves, excluding pipes and tubing	140	661 929	93 375	14.1	.1	X
	11813	Plumbing fixtures	52	182 489	16 882	9.3	Z	X
	11814	Hydronic and gas furnaces, stoves, water heaters, excluding electric ..	13	44 536	1 815	4.1	Z	X
	11815	Boilers, radiators, and convectors	25	72 439	2 734	3.8	Z	X
	11818	Other plumbing and heating equipment and supplies	56	271 894	20 254	7.4	Z	X
	11900	Forced-air heating and air-conditioning equipment and supplies	37	152 766	32 983	21.6	Z	60.0
	11911	Forced air furnaces	23	84 545	6 143	7.3	Z	X
	11912	Central air-conditioners	23	84 545	3 546	4.2	Z	X
	11916	Air cleaning and filtration systems	18	75 010	1 421	1.9	Z	X
	11918	Condensing units for air-conditioners	8	41 527	805	1.9	Z	X
	11919	Registers, grills, duct insulation, and pre-formed ductwork, excluding unformed sheet metal	31	130 942	20 926	16.0	Z	X
	12000	Refrigeration equipment and supplies, including commercial refrigerators	16	33 408	7 244	21.7	Z	60.3
	12014	Refrigerants	7	4 343	246	5.7	Z	X
	12015	Other commercial refrigeration equipment and supplies	7	3 649	273	7.5	Z	X

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						Estab- lishments with the product line	All estab- lishments ²	
423510		WHOLESALE TRADE—Con.						
		Metal service centers and other metal merchant wholesalers—Con.						
	12100	Construction and mining machinery and equipment, including parts and attachments	30	62 490	5 842	9.3	Z	X
	12200	Farm machinery, equipment, and parts	14	17 495	1 514	8.7	Z	X
	12220	Lawn and garden machinery, equipment, and parts	13	88 868	3 674	4.1	Z	X
	12300	Hydraulic and pneumatic pumps, motors, and parts	8	22 053	938	4.3	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	314	2 614 118	237 689	9.1	.2	X
	12330	Metalworking machinery, equipment, and parts	37	132 477	15 130	11.4	Z	X
	12340	Materials handling machinery, equipment, and parts	67	175 394	33 233	18.9	Z	50.4
	12341	New conveying equipment	39	95 174	18 024	18.9	Z	X
	12342	New hoists and cranes	35	80 853	6 545	8.1	Z	X
	12343	New forklifts	7	25 200	4 273	17.0	Z	X
	12344	New industrial trucks and tractors	7	6 971	944	13.5	Z	X
	12345	Used materials handling machinery, equipment, and parts	26	48 133	3 447	7.2	Z	X
	12350	Oil well, oil refinery, and pipeline machinery, equipment, and supplies ...	35	300 668	28 152	9.4	Z	X
	12360	Other industrial machinery, equipment, and parts	22	67 579	5 074	7.5	Z	51.2
	12366	Other new industrial machinery and equipment, including industrial water treatment equipment	10	46 885	2 744	5.9	Z	X
	12367	Used industrial machinery and equipment	9	22 701	610	2.7	Z	X
	12370	Mechanical power transmission supplies	18	25 998	2 512	9.7	Z	50.4
	12371	Bearings and bushings	9	10 291	1 032	10.0	Z	X
	12372	Other mechanical power transmission supplies	9	18 936	845	4.5	Z	X
	12380	Industrial valves and fittings, excluding hydraulic valves and fittings	324	2 227 490	352 681	15.8	.3	X
	12390	Hydraulic and pneumatic valves	8	9 845	625	6.3	Z	X
	12400	Hydraulic and pneumatic cylinders and rotary actuators	7	26 138	1 726	6.6	Z	X
	12420	Hydraulic and pneumatic connectors and assemblies	12	41 290	10 322	25.0	Z	43.3
	12421	Hydraulic and pneumatic connectors	9	31 183	4 220	13.5	Z	X
	12422	Hydraulic and pneumatic assemblies	8	30 047	6 102	20.3	Z	X
	12440	Welding supplies, excluding gases	28	63 426	10 156	16.0	Z	X
	12450	Industrial containers and supplies	24	43 570	2 452	5.6	Z	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	226	858 552	52 142	6.1	Z	X
	12530	Laundry and dry-cleaning equipment and supplies	6	10 845	260	2.4	Z	X
	12630	Other transportation equipment and supplies	10	14 688	1 564	10.6	Z	X
	12700	Sporting and recreational goods and supplies	9	19 373	3 599	18.6	Z	X
	12900	Ferrous metal scrap	355	5 073 471	322 670	6.4	.3	X
	12920	Nonferrous metal scrap	407	5 055 876	674 336	13.3	.6	X
	12930	Recyclable paper and paperboard	32	74 749	3 731	5.0	Z	X
	12940	Recyclable materials, excluding metals and paper	29	36 821	4 325	11.7	Z	75.9
	12943	Recyclable plastics	25	33 346	1 617	4.8	Z	X
	12944	Recyclable glass	19	19 895	1 644	8.3	Z	X
	13000	Jewelry, diamonds, gemstones, and watches	12	15 104	1 244	8.2	Z	62.1
	13016	Other jewelry, silverware, and plated ware, including costume jewelry ..	6	3 399	580	17.1	Z	X
	13030	Precious metals--gold, silver, and platinum, including precious metal coins	19	2 125 957	654 322	30.8	.6	X
	13120	Non-lumber forest products, including cordwood, hewn posts, poles, and railroad ties	15	72 896	6 305	8.6	Z	X
	13150	Miscellaneous durable goods	18	248 291	37 672	15.2	Z	X
	13400	Paper and plastic products	39	49 889	9 800	19.6	Z	X
	15300	Plastics materials and basic shapes	623	4 942 157	575 970	11.7	.5	X
	15320	Industrial gases	10	8 958	938	10.5	Z	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	222	4 433 491	403 873	9.1	.4	X
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	26	354 233	29 983	8.5	Z	X
	15420	Liquefied petroleum (LP)	8	825 702	41 446	5.0	Z	X
	16000	Paint, paint supplies, wallpaper, and wallpaper supplies	42	132 893	8 422	6.3	Z	X
	16120	Art goods, including novelties and souvenirs	6	24 059	6 924	28.8	Z	X
	19700	Service receipts and labor charges, including installed parts	913	8 855 600	432 723	4.9	.4	72.2
19701	Labor charges for repair work	427	1 393 363	56 117	4.0	.1	X	
19702	Parts installed in repair work	259	762 475	31 704	4.2	Z	X	
19703	Other service receipts and labor charges	503	7 515 260	344 902	4.6	.3	X	
19720	Receipts for service contracts	10	43 789	1 877	4.3	Z	X	
19740	Receipts for installing equipment	43	93 230	12 241	13.1	Z	X	
19810	Miscellaneous commodities	717	6 315 062	457 993	7.3	.4	X	
19940	Rental and operating lease receipts	187	649 639	37 228	5.7	Z	X	
19950	Construction receipts	17	36 789	10 926	29.7	Z	X	
42352		Coal and other mineral and ore merchant wholesalers	529	X	9 525 938	X	100.0	68.8
	11100	Semi-finished iron and steel products	8	121 413	38 545	31.7	.4	65.7
	11116	Other semi-finished iron and steel products	6	116 889	37 368	32.0	.4	X
	11300	Coal and coke	316	7 664 643	7 454 225	97.3	78.3	63.9
	11311	Coal	281	7 361 511	6 974 299	94.7	73.2	X
	11312	Coke	64	630 494	479 926	76.1	5.0	X
	11320	Minerals and ores, excluding coal, gemstones, and crude oil	234	2 146 178	1 826 578	85.1	19.2	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	10	151 007	1 665	1.1	Z	X
	13000	Jewelry, diamonds, gemstones, and watches	23	12 309	3 580	29.1	Z	25.7
	13011	Diamonds and diamond jewelry where lapidary work was not performed at this location	8	8 501	2 676	31.5	Z	X
	13012	Gemstone and pearl jewelry where lapidary work was not performed at this location	13	3 195	700	21.9	Z	X
	15300	Plastics materials and basic shapes	8	29 190	10 757	36.9	.1	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	21	298 172	71 153	23.9	.7	X
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	6	23 335	6 457	27.7	.1	X
	19700	Service receipts and labor charges, including installed parts	14	119 385	8 757	7.3	.1	37.6
	19703	Other service receipts and labor charges	8	99 145	7 482	7.5	.1	X

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						Estab- lishments with the product line	All estab- lishments ²	
42352		WHOLESALE TRADE—Con.						
		Coal and other mineral and ore merchant wholesalers—Con.						
	19810	Miscellaneous commodities	49	561 185	77 353	13.8	.8	X
423520	19940	Rental and operating lease receipts	10	78 405	766	1.0	Z	X
		Coal and other mineral and ore merchant wholesalers	529	X	9 525 938	X	100.0	68.8
	11100	Semi-finished iron and steel products	8	121 413	38 545	31.7	.4	65.7
	11116	Other semi-finished iron and steel products	6	116 889	37 368	32.0	.4	X
	11300	Coal and coke	316	7 664 643	7 454 225	97.3	78.3	63.9
	11311	Coal	281	7 361 511	6 974 299	94.7	73.2	X
	11312	Coke	64	630 494	479 926	76.1	5.0	X
	11320	Minerals and ores, excluding coal, gemstones, and crude oil	234	2 146 178	1 826 578	85.1	19.2	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	10	151 007	1 665	1.1	Z	X
	13000	Jewelry, diamonds, gemstones, and watches	23	12 309	3 580	29.1	Z	25.7
	13011	Diamonds and diamond jewelry where lapidary work was not performed at this location	8	8 501	2 676	31.5	Z	X
	13012	Gemstone and pearl jewelry where lapidary work was not performed at this location	13	3 195	700	21.9	Z	X
	15300	Plastics materials and basic shapes	8	29 190	10 757	36.9	.1	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	21	298 172	71 153	23.9	.7	X
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	6	23 335	6 457	27.7	.1	X
	19700	Service receipts and labor charges, including installed parts	14	119 385	8 757	7.3	.1	37.6
	19703	Other service receipts and labor charges	8	99 145	7 482	7.5	.1	X
	19810	Miscellaneous commodities	49	561 185	77 353	13.8	.8	X
	19940	Rental and operating lease receipts	10	78 405	766	1.0	Z	X
42393		Recyclable material merchant wholesalers	7 145	X	28 207 100	X	100.0	75.4
	10100	New and used automobiles, motorcycles, and trailers	10	18 636	1 403	7.5	Z	X
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	13	28 535	6 457	22.6	Z	X
	10240	Used automotive parts, accessories, and equipment	322	597 884	38 012	6.4	.1	X
	10300	Tires and tubes	6	15 563	1 100	7.1	Z	X
	10740	Other construction products and materials	6	17 835	750	4.2	Z	X
	11100	Semi-finished iron and steel products	88	179 207	11 687	6.5	Z	X
	11120	Flat iron and steel products	291	850 583	74 554	8.8	.3	X
	11140	Iron and steel wire and wire products	169	530 031	12 970	2.4	Z	X
	11150	Iron and steel pipes and tubing	243	648 609	37 013	5.7	.1	X
	11160	Other iron and steel products	282	793 234	51 925	6.5	.2	X
	11170	Alloy steel	178	755 455	34 239	4.5	.1	X
	11180	Stainless steel	970	4 953 322	269 154	5.4	1.0	X
	11200	Copper and brass	785	3 317 488	161 334	4.9	.6	X
	11220	Aluminum shapes and forms, including pipes and tubing	204	667 666	92 102	13.8	.3	X
	11230	Other nonferrous metals, including magnesium, nickel, tin, lead, and zinc, excluding gemstones	409	1 836 425	88 250	4.8	.3	X
	11400	Electrical apparatus and equipment	6	9 119	3 036	33.3	Z	X
	11700	Hardware	10	19 300	1 343	7.0	Z	64.6
	11712	Bolts, nuts, rivets, and other fasteners, excluding nails	6	16 578	90	.5	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	12	78 561	16 197	20.6	.1	49.2
	12326	New controlling, recording, and indicating instruments and accessories	6	70 114	15 351	21.9	.1	X
	12340	Materials handling machinery, equipment, and parts	6	25 912	435	1.7	Z	X
	12360	Other industrial machinery, equipment, and parts	6	14 480	3 811	26.3	Z	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	8	20 163	496	2.5	Z	X
	12520	Janitorial equipment and supplies	6	8 819	2 395	27.2	Z	X
	12900	Ferrous metal scrap	3 671	16 816 282	10 833 940	64.4	38.4	69.1
	12911	Prepared ferrous metal scrap processed by this establishment	2 404	11 127 469	5 983 113	53.8	21.2	X
	12912	Prepared ferrous metal scrap not processed by this establishment	1 083	8 237 755	4 337 273	52.7	15.4	X
	12913	Unprepared ferrous metal scrap, including bi-metal cans	1 415	3 556 456	513 554	14.4	1.8	X
	12920	Nonferrous metal scrap	4 308	17 528 842	8 863 063	50.6	31.4	69.1
	12921	Aluminum scrap	3 977	15 835 247	5 371 930	33.9	19.0	X
	12922	Copper and copper alloy scrap	2 939	11 500 000	1 714 390	14.9	6.1	X
	12923	Lead scrap	1 006	3 696 354	135 495	3.7	.5	X
	12924	Other nonferrous metallic scrap, including nickel, zinc, and precious metals	2 058	9 415 559	1 641 248	17.4	5.8	X
	12930	Recyclable paper and paperboard	1 840	6 583 444	4 777 328	72.6	16.9	X
	12940	Recyclable materials, excluding metals and paper	2 004	4 942 023	2 387 920	48.3	8.5	72.0
	12941	Recyclable textiles, including rags and textile scraps	415	553 768	431 243	77.9	1.5	X
	12943	Recyclable plastics	1 069	3 197 390	779 925	24.4	2.8	X
	12944	Recyclable glass	610	2 114 080	592 255	28.0	2.1	X
	12945	Other recyclable materials, including rubber and bones	505	918 786	584 497	63.6	2.1	X
	13030	Precious metals—gold, silver, and platinum, including precious metal coins	11	28 378	1 928	6.8	Z	X
	13150	Miscellaneous durable goods	9	30 785	2 346	7.6	Z	X
	13200	Printing and writing paper	7	8 757	359	4.1	Z	35.6
	13211	Newsprint	7	8 757	359	4.1	Z	X
	13400	Paper and plastic products	186	388 972	125 551	32.3	.4	X
	15300	Plastics materials and basic shapes	8	57 798	8 090	14.0	Z	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	16	70 870	13 501	19.1	Z	X
	19700	Service receipts and labor charges, including installed parts	552	1 891 217	152 978	8.1	.5	71.3
	19701	Labor charges for repair work	149	186 901	6 697	3.6	Z	X
	19702	Parts installed in repair work	111	99 257	3 472	3.5	Z	X
	19703	Other service receipts and labor charges	411	1 752 724	142 809	8.1	.5	X
	19810	Miscellaneous commodities	343	1 051 175	56 644	5.4	.2	X
	19940	Rental and operating lease receipts	232	793 966	20 447	2.6	.1	X

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4235		MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Metal and mineral (except petroleum) merchant wholesalers—Con.						
	10620	Plywood and millwork	79	760 841	77 892	10.2	.1	60.0
	10621	Softwood plywood, softwood veneer, and Oriented Strand Board (OSB)	12	173 919	19 122	11.0	Z	X
	10622	Other panels products, including hardwood plywood, hardwood veneer, and particleboard	33	543 448	25 073	4.6	Z	X
	10623	Gypsum, waterboard, and other specialty boards	20	200 178	22 842	11.4	Z	X
	10624	Wood millwork, including moldings, doors, windows, and cabinets	22	50 118	7 541	15.0	Z	X
	10625	Metal millwork	12	22 433	3 146	14.0	Z	X
	10700	Concrete, cement, sand, gravel, stone, brick, block, and tile	42	227 128	24 171	10.6	Z	58.2
	10711	Ready-mixed or transit-mixed concrete	12	45 510	2 285	5.0	Z	X
	10712	Cement and lime	18	86 941	6 194	7.1	Z	X
	10713	Sand, gravel, and crushed stone	13	71 620	10 293	14.4	Z	X
	10714	Brick, block, tile, and clay or cement sewer pipe	8	49 123	5 399	11.0	Z	X
	10720	Nonwood roofing, nonwood siding, and insulation materials	42	331 312	63 201	19.1	.1	X
	10730	Flat glass and other construction glass	30	35 576	6 470	18.2	Z	X
	10740	Other construction products and materials	525	2 605 740	463 534	17.8	.6	X
	10900	Office equipment, excluding computers	6	18 350	423	2.3	Z	X
	11100	Semi-finished iron and steel products	1 441	14 907 221	5 151 933	34.6	6.4	56.2
	11111	Sheet bars and tin plate bars	343	3 439 902	664 327	19.3	.8	X
	11112	Wire rods	270	6 003 875	1 236 060	20.6	1.5	X
	11113	Rough castings and foundry products	402	3 119 542	869 284	27.9	1.1	X
	11114	Forgings	320	2 637 802	335 617	12.7	.4	X
	11116	Other semi-finished iron and steel products	607	8 692 074	2 045 468	23.5	2.5	X
	11120	Flat iron and steel products	4 181	38 138 895	20 917 854	54.8	25.9	73.6
	11121	Plates	2 141	20 519 119	3 786 826	18.5	4.7	X
	11122	Hot-rolled and cold-rolled strips	1 259	9 831 373	2 258 374	23.0	2.8	X
	11123	Cold-rolled sheets	1 744	22 316 922	3 121 428	14.0	3.9	X
	11124	Hot-rolled sheets	1 963	22 773 077	3 495 650	15.4	4.3	X
	11126	Galvanized and coated sheets	1 772	22 601 149	4 712 399	20.9	5.8	X
	11127	Tin plate and terneplate	122	2 346 616	322 285	13.7	.4	X
	11128	Fabricated and structural plate products	923	4 419 152	776 474	17.6	1.0	X
	11129	Other flat iron and steel products	1 215	14 359 868	2 444 418	17.0	3.0	X
	11140	Iron and steel wire and wire products	1 755	8 203 101	2 673 461	32.6	3.3	65.9
	11141	Wire, including plain, coated, barbed, and twisted	848	5 376 206	1 209 578	22.5	1.5	X
	11142	Nails	536	1 969 999	733 425	37.2	.9	X
	11143	Wire rope, strand, strapping, reinforcement mesh, and bale ties	747	3 515 084	730 458	20.8	.9	X
	11150	Iron and steel pipes and tubing	3 036	25 218 932	7 752 969	30.7	9.6	71.2
	11152	Tubing	2 255	19 954 804	3 822 774	19.2	4.7	X
	11153	Standard steel pipes	2 024	16 535 862	3 030 231	18.3	3.8	X
	11154	Other steel pipes	684	7 100 535	899 936	12.7	1.1	X
	11160	Other iron and steel products	3 093	26 173 868	8 369 631	32.0	10.4	69.5
	11162	Hot-rolled bars and bar-size shapes, excluding reinforcement bars	1 529	13 775 294	1 693 333	12.3	2.1	X
	11163	Cold-finished bars and bar-size shapes	1 351	13 365 508	1 004 272	7.5	1.2	X
	11164	Concrete reinforcement bars	1 010	7 680 242	1 750 571	22.8	2.2	X
	11165	Structural shapes, excluding bar-size shapes	1 525	13 730 186	2 380 385	17.3	2.9	X
	11167	Other finished products	915	7 180 430	1 540 905	21.5	1.9	X
	11170	Alloy steel	1 489	13 019 542	2 260 292	17.4	2.8	72.8
	11171	Hot-rolled or cold-finished bars	940	7 467 201	818 509	11.0	1.0	X
	11173	Pipes, tubing, and plates	819	8 673 903	917 753	10.6	1.1	X
	11175	Other alloy steel	477	2 561 839	524 030	20.5	.6	X
	11180	Stainless steel	2 549	22 655 666	5 453 979	24.1	6.8	71.7
	11181	Plates	1 173	11 527 564	842 654	7.3	1.0	X
	11182	Strip	542	3 467 466	612 063	17.7	.8	X
11183	Sheets	1 312	13 230 653	1 591 344	12.0	2.0	X	
11184	Bars and bar-size shapes	1 363	12 057 504	1 059 541	8.8	1.3	X	
11185	Other stainless steel, including tubing	1 486	13 518 353	1 348 377	10.0	1.7	X	
11200	Copper and brass	1 647	18 440 998	3 941 426	21.4	4.9	46.5	
11211	Structural copper wire mill products	210	2 319 435	377 230	16.3	.5	X	
11212	Flat products, including sheets, strips, and plates	980	12 703 041	1 364 513	10.7	1.7	X	
11213	Tubular products	654	8 400 688	731 966	8.7	.9	X	
11214	Rods, nonelectrical wire, and extruded shapes	808	12 391 936	1 467 633	11.8	1.8	X	
11220	Aluminum shapes and forms, including pipes and tubing	2 553	26 138 853	8 422 983	32.2	10.4	57.5	
11221	Plates - .250 inches and over	1 166	14 257 646	1 681 061	11.8	2.1	X	
11222	Sheets and coils - .006 to .249 inches	1 419	16 443 076	3 046 732	18.5	3.8	X	
11223	Rolled or extruded rods, bars, and wires, including rounds, hexes, squares, and rectangles	1 618	17 742 926	2 578 532	14.5	3.2	X	
11224	Pipes and tubing, including hollow bar, square, and rectangular tubing	1 298	13 330 113	984 520	7.4	1.2	X	
11225	Foil - up to .005 inches	148	1 442 341	132 138	9.2	.2	X	
11230	Other nonferrous metals, including magnesium, nickel, tin, lead, and zinc, excluding gemstones	844	10 886 223	3 382 882	31.1	4.2	X	
11300	Coal and coke	301	4 877 712	3 991 171	81.8	4.9	63.0	
11311	Coal	263	3 991 305	3 525 330	88.3	4.4	X	
11312	Coke	67	696 809	459 913	66.0	.6	X	
11320	Minerals and ores, excluding coal, gemstones, and crude oil	242	5 586 078	2 227 571	39.9	2.8	X	
11400	Electrical apparatus and equipment	160	985 525	104 179	10.6	.1	X	
11500	Electric household appliances, including gas clothes dryers	9	39 317	2 657	6.8	Z	X	
11600	Electronic parts and equipment, excluding communications equipment ..	162	711 837	31 130	4.4	Z	X	
11650	Communications equipment and supplies	23	38 797	6 953	17.9	Z	X	

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
4235		MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Metal and mineral (except petroleum) merchant wholesalers—Con.						
	11700	Hardware	1 307	6 328 044	623 481	9.9	.8	63.3
	11711	Hand tools, including power driven tools	646	2 373 582	231 147	9.7	.3	X
	11712	Bolts, nuts, rivets, and other fasteners, excluding nails	1 007	5 299 626	389 022	7.3	.5	X
	11713	Cutlery	28	119 509	3 312	2.8	Z	X
	11800	Plumbing and hydronic heating equipment and supplies, including gas appliances and water heaters	184	839 437	166 555	19.8	.2	36.1
	11811	Plastic pipe fittings and valves, excluding pipes and tubing	106	427 243	32 082	7.5	Z	X
	11812	Metal pipe fittings and valves, excluding pipes and tubing	139	631 141	92 788	14.7	.1	X
	11813	Plumbing fixtures	52	182 489	16 882	9.3	Z	X
	11814	Hydronic and gas furnaces, stoves, water heaters, excluding electric . .	13	44 536	1 815	4.1	Z	X
	11815	Boilers, radiators, and convectors	25	72 439	2 734	3.8	Z	X
	11818	Other plumbing and heating equipment and supplies	56	271 894	20 254	7.4	Z	X
	11900	Forced-air heating and air-conditioning equipment and supplies	36	121 978	31 725	26.0	Z	57.4
	11911	Forced air furnaces	23	84 545	6 143	7.3	Z	X
	11912	Central air-conditioners	23	84 545	3 546	4.2	Z	X
	11916	Air cleaning and filtration systems	18	75 010	1 421	1.9	Z	X
	11918	Condensing units for air-conditioners	8	41 527	805	1.9	Z	X
	11919	Registers, grills, duct insulation, and pre-formed ductwork, excluding unformed sheet metal	30	100 154	19 668	19.6	Z	X
	12000	Refrigeration equipment and supplies, including commercial refrigerators	16	33 408	7 244	21.7	Z	61.6
	12014	Refrigerants	7	4 343	246	5.7	Z	X
	12015	Other commercial refrigeration equipment and supplies	7	3 649	273	7.5	Z	X
	12100	Construction and mining machinery and equipment, including parts and attachments	30	62 490	5 842	9.3	Z	X
	12200	Farm machinery, equipment, and parts	14	17 495	1 514	8.7	Z	X
	12220	Lawn and garden machinery, equipment, and parts	13	88 868	3 674	4.1	Z	X
	12300	Hydraulic and pneumatic pumps, motors, and parts	8	22 053	938	4.3	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	308	2 506 529	224 182	8.9	.3	X
	12330	Metalworking machinery, equipment, and parts	37	132 477	15 130	11.4	Z	X
	12340	Materials handling machinery, equipment, and parts	67	175 394	33 233	18.9	Z	51.6
	12341	New conveying equipment	39	95 174	18 024	18.9	Z	X
	12342	New hoists and cranes	35	80 853	6 545	8.1	Z	X
	12343	New forklifts	7	25 200	4 273	17.0	Z	X
	12344	New industrial trucks and tractors	7	6 971	944	13.5	Z	X
	12345	Used materials handling machinery, equipment, and parts	26	48 133	3 447	7.2	Z	X
	12350	Oil well, oil refinery, and pipeline machinery, equipment, and supplies . .	35	300 668	28 152	9.4	Z	X
	12360	Other industrial machinery, equipment, and parts	22	67 579	5 074	7.5	Z	52.4
	12366	Other new industrial machinery and equipment, including industrial water treatment equipment	10	46 885	2 744	5.9	Z	X
	12367	Used industrial machinery and equipment	9	22 701	610	2.7	Z	X
	12370	Mechanical power transmission supplies	18	25 998	2 512	9.7	Z	51.6
	12371	Bearings and bushings	9	10 291	1 032	10.0	Z	X
	12372	Other mechanical power transmission supplies	9	18 936	845	4.5	Z	X
	12380	Industrial valves and fittings, excluding hydraulic valves and fittings	323	2 153 834	352 681	16.4	.4	X
	12390	Hydraulic and pneumatic valves	8	9 845	625	6.3	Z	X
	12400	Hydraulic and pneumatic cylinders and rotary actuators	7	26 138	1 726	6.6	Z	X
	12420	Hydraulic and pneumatic connectors and assemblies	12	41 290	10 322	25.0	Z	44.3
	12421	Hydraulic and pneumatic connectors	9	31 183	4 220	13.5	Z	X
	12422	Hydraulic and pneumatic assemblies	8	30 047	6 102	20.3	Z	X
	12440	Welding supplies, excluding gases	28	63 426	10 156	16.0	Z	X
	12450	Industrial containers and supplies	26	44 452	2 536	5.7	Z	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	235	987 999	53 555	5.4	.1	X
	12530	Laundry and dry-cleaning equipment and supplies	6	10 845	260	2.4	Z	X
	12630	Other transportation equipment and supplies	10	14 688	1 564	10.6	Z	X
	12700	Sporting and recreational goods and supplies	9	19 373	3 599	18.6	Z	X
12900	Ferrous metal scrap	333	4 351 280	315 224	7.2	.4	X	
12920	Nonferrous metal scrap	391	4 536 652	663 557	14.6	.8	27.0	
12921	Aluminum scrap	352	4 388 832	530 642	12.1	.7	X	
12922	Copper and copper alloy scrap	239	2 085 060	71 794	3.4	.1	X	
12923	Lead scrap	117	741 141	10 527	1.4	Z	X	
12924	Other nonferrous metallic scrap, including nickel, zinc, and precious metals	138	2 663 775	50 594	1.9	.1	X	
12930	Recyclable paper and paperboard	32	74 749	3 731	5.0	Z	X	
12940	Recyclable materials, excluding metals and paper	29	36 821	4 325	11.7	Z	77.6	
12943	Recyclable plastics	25	33 346	1 617	4.8	Z	X	
12944	Recyclable glass	19	19 895	1 644	8.3	Z	X	
13000	Jewelry, diamonds, gemstones, and watches	35	27 413	4 824	17.6	Z	48.0	
13011	Diamonds and diamond jewelry where lapidary work was not performed at this location	11	18 529	3 009	16.2	Z	X	
13012	Gemstone and pearl jewelry where lapidary work was not performed at this location	15	12 016	785	6.5	Z	X	
13016	Other jewelry, silverware, and plated ware, including costume jewelry .	8	4 012	784	19.5	Z	X	
13030	Precious metals--gold, silver, and platinum, including precious metal coins	21	2 128 184	654 560	30.8	.8	X	
13120	Non-lumber forest products, including cordwood, hewn posts, poles, and railroad ties	13	34 292	4 283	12.5	Z	X	
13150	Miscellaneous durable goods	18	248 291	37 672	15.2	Z	X	
13400	Paper and plastic products	41	57 467	10 556	18.4	Z	X	
15300	Plastics materials and basic shapes	548	4 061 165	482 032	11.9	.6	X	
15320	Industrial gases	10	8 958	938	10.5	Z	X	

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
4235		MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Metal and mineral (except petroleum) merchant wholesalers—Con.						
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	228	4 616 146	449 188	9.7	.6	X
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	32	377 568	36 440	9.7	Z	X
	15420	Liquefied petroleum (LP)	8	825 702	41 446	5.0	.1	X
	16000	Paint, paint supplies, wallpaper, and wallpaper supplies	44	134 364	8 464	6.3	Z	X
	16120	Art goods, including novelties and souvenirs	10	24 784	7 061	28.5	Z	X
	19700	Service receipts and labor charges, including installed parts	896	5 260 131	255 275	4.9	.3	70.7
	19701	Labor charges for repair work	415	990 212	45 890	4.6	.1	X
	19702	Parts installed in repair work	256	707 958	25 238	3.6	Z	X
	19703	Other service receipts and labor charges	492	4 302 702	182 872	4.3	.2	X
	19720	Receipts for service contracts	12	57 240	1 918	3.4	Z	X
	19740	Receipts for installing equipment	43	93 230	12 241	13.1	Z	X
	19810	Miscellaneous commodities	662	5 294 192	411 325	7.8	.5	X
	19940	Rental and operating lease receipts	190	700 322	36 867	5.3	Z	X
	19950	Construction receipts	17	36 789	10 926	29.7	Z	X
42351		Metal service centers and other metal merchant wholesalers	9 750	X	75 226 627	X	100.0	77.6
	10100	New and used automobiles, motorcycles, and trailers	8	14 560	938	6.4	Z	X
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	32	44 966	5 585	12.4	Z	44.6
	10214	Brake parts, including fluid and all disk and drum parts	7	5 374	71	1.3	Z	X
	10216	Automotive glass	9	13 366	1 656	12.4	Z	X
	10218	Filters, including oil, air, gas, and transmission	7	1 889	30	1.6	Z	X
	10221	Body parts and repair materials	10	4 221	93	2.2	Z	X
	10223	Other automotive parts and supplies	19	30 325	3 519	11.6	Z	X
	10240	Used automotive parts, accessories, and equipment	56	63 360	8 708	13.7	Z	X
	10300	Tires and tubes	7	5 902	491	8.3	Z	77.6
	10312	Re-treaded and used automobile tires and repair materials	6	3 179	43	1.4	Z	X
	10420	Office and business furniture	6	47 922	10 909	22.8	Z	X
	10530	Flooring and floor coverings	8	17 257	1 253	7.3	Z	X
	10600	Rough, dressed, and finished dimensional lumber	49	278 378	40 094	14.4	.1	75.1
	10611	Untreated lumber	28	179 405	27 963	15.6	Z	X
	10612	Treated lumber	36	203 533	9 128	4.5	Z	X
	10613	Boards	7	49 215	3 003	6.1	Z	X
	10620	Plywood and millwork	79	760 841	77 892	10.2	.1	60.0
	10621	Softwood plywood, softwood veneer, and Oriented Strand Board (OSB)	12	173 919	19 122	11.0	Z	X
	10622	Other panels products, including hardwood plywood, hardwood veneer, and particleboard	33	543 448	25 073	4.6	Z	X
	10623	Gypsum, waterboard, and other specialty boards	20	200 178	22 842	11.4	Z	X
	10624	Wood millwork, including moldings, doors, windows, and cabinets	22	50 118	7 541	15.0	Z	X
	10625	Metal millwork	12	22 433	3 146	14.0	Z	X
	10700	Concrete, cement, sand, gravel, stone, brick, block, and tile	40	173 242	15 013	8.7	Z	52.2
	10711	Ready-mixed or transit-mixed concrete	12	45 510	2 285	5.0	Z	X
	10712	Cement and lime	18	86 941	6 194	7.1	Z	X
	10713	Sand, gravel, and crushed stone	11	17 734	1 135	6.4	Z	X
	10714	Brick, block, tile, and clay or cement sewer pipe	8	49 123	5 399	11.0	Z	X
	10720	Nonwood roofing, nonwood siding, and insulation materials	42	331 312	63 201	19.1	.1	X
	10730	Flat glass and other construction glass	30	35 576	6 470	18.2	Z	X
	10740	Other construction products and materials	525	2 605 740	463 534	17.8	.6	X
	10900	Office equipment, excluding computers	6	18 350	423	2.3	Z	X
	11100	Semi-finished iron and steel products	1 433	14 785 808	5 113 388	34.6	6.8	56.0
	11111	Sheet bars and tin plate bars	343	3 439 902	664 327	19.3	.9	X
	11112	Wire rods	270	6 003 875	1 236 060	20.6	1.6	X
	11113	Rough castings and foundry products	402	3 119 542	869 284	27.9	1.2	X
	11114	Forgings	320	2 637 802	335 617	12.7	.4	X
	11116	Other semi-finished iron and steel products	601	8 575 185	2 008 100	23.4	2.7	X
	11120	Flat iron and steel products	4 181	38 138 895	20 917 854	54.8	27.8	73.6
	11121	Plates	2 141	20 519 119	3 786 826	18.5	5.0	X
	11122	Hot-rolled and cold-rolled strips	1 259	9 831 373	2 258 374	23.0	3.0	X
	11123	Cold-rolled sheets	1 744	22 316 922	3 121 428	14.0	4.1	X
	11124	Hot-rolled sheets	1 963	22 773 077	3 495 650	15.4	4.6	X
	11126	Galvanized and coated sheets	1 772	22 601 149	4 712 399	20.9	6.3	X
	11127	Tin plate and terneplate	122	2 346 616	322 285	13.7	.4	X
	11128	Fabricated and structural plate products	923	4 419 152	776 474	17.6	1.0	X
	11129	Other flat iron and steel products	1 215	14 359 868	2 444 418	17.0	3.2	X
	11140	Iron and steel wire and wire products	1 755	8 203 101	2 673 461	32.6	3.6	65.9
	11141	Wire, including plain, coated, barbed, and twisted	848	5 376 206	1 209 578	22.5	1.6	X
	11142	Nails	536	1 969 999	733 425	37.2	1.0	X
	11143	Wire rope, strand, strapping, reinforcement mesh, and bale ties	747	3 515 084	730 458	20.8	1.0	X
	11150	Iron and steel pipes and tubing	3 034	25 218 568	7 752 941	30.7	10.3	71.2
	11152	Tubing	2 255	19 954 804	3 822 774	19.2	5.1	X
	11153	Standard steel pipes	2 024	16 535 862	3 030 231	18.3	4.0	X
	11154	Other steel pipes	684	7 100 535	899 936	12.7	1.2	X
	11160	Other iron and steel products	3 089	26 159 440	8 369 466	32.0	11.1	69.5
	11162	Hot-rolled bars and bar-size shapes, excluding reinforcement bars	1 529	13 775 294	1 693 333	12.3	2.3	X
	11163	Cold-finished bars and bar-size shapes	1 351	13 365 508	1 004 272	7.5	1.3	X
	11164	Concrete reinforcement bars	1 010	7 680 242	1 750 571	22.8	2.3	X
	11165	Structural shapes, excluding bar-size shapes	1 525	13 730 186	2 380 385	17.3	3.2	X
	11167	Other finished products	915	7 180 430	1 540 905	21.5	2.0	X

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
42351		MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Metal service centers and other metal merchant wholesalers—Con.						
	11170	Alloy steel	1 489	13 019 542	2 260 292	17.4	3.0	72.8
	11171	Hot-rolled or cold-finished bars	940	7 467 201	818 509	11.0	1.1	X
	11173	Pipes, tubing, and plates	819	8 673 903	917 753	10.6	1.2	X
	11175	Other alloy steel	477	2 561 839	524 030	20.5	.7	X
	11180	Stainless steel	2 549	22 655 666	5 453 979	24.1	7.3	71.7
	11181	Plates	1 173	11 527 564	842 654	7.3	1.1	X
	11182	Strip	542	3 467 466	612 063	17.7	.8	X
	11183	Sheets	1 312	13 230 653	1 591 344	12.0	2.1	X
	11184	Bars and bar-size shapes	1 363	12 057 504	1 059 541	8.8	1.4	X
	11185	Other stainless steel, including tubing	1 486	13 518 353	1 348 377	10.0	1.8	X
	11200	Copper and brass	1 645	18 440 634	3 941 342	21.4	5.2	46.5
	11211	Structural copper wire mill products	210	2 319 435	377 230	16.3	.5	X
	11212	Flat products, including sheets, strips, and plates	980	12 703 041	1 364 513	10.7	1.8	X
	11213	Tubular products	654	8 400 688	731 966	8.7	1.0	X
	11214	Rods, nonelectrical wire, and extruded shapes	808	12 391 936	1 467 633	11.8	2.0	X
	11220	Aluminum shapes and forms, including pipes and tubing	2 553	26 138 853	8 422 983	32.2	11.2	57.5
	11221	Plates - .250 inches and over	1 166	14 257 646	1 681 061	11.8	2.2	X
	11222	Sheets and coils - .006 to .249 inches	1 419	16 443 076	3 046 732	18.5	4.1	X
	11223	Rolled or extruded rods, bars, and wires, including rounds, hexes, squares, and rectangles	1 618	17 742 926	2 578 532	14.5	3.4	X
	11224	Pipes and tubing, including hollow bar, square, and rectangular tubing	1 298	13 330 113	984 520	7.4	1.3	X
	11225	Foil - up to .005 inches	148	1 442 341	132 138	9.2	.2	X
	11230	Other nonferrous metals, including magnesium, nickel, tin, lead, and zinc, excluding gemstones	842	10 741 288	3 378 548	31.5	4.5	X
	11300	Coal and coke	9	689 390	13 267	1.9	Z	X
	11320	Minerals and ores, excluding coal, gemstones, and crude oil	22	4 000 417	947 974	23.7	1.3	X
	11400	Electrical apparatus and equipment	160	985 525	104 179	10.6	.1	X
	11500	Electric household appliances, including gas clothes dryers	9	39 317	2 657	6.8	Z	X
	11600	Electronic parts and equipment, excluding communications equipment . .	162	711 837	31 130	4.4	Z	X
	11650	Communications equipment and supplies	23	38 797	6 953	17.9	Z	X
	11700	Hardware	1 307	6 328 044	623 481	9.9	.8	63.3
	11711	Hand tools, including power driven tools	646	2 373 582	231 147	9.7	.3	X
	11712	Bolts, nuts, rivets, and other fasteners, excluding nails	1 007	5 299 626	389 022	7.3	.5	X
	11713	Cutlery	28	119 509	3 312	2.8	Z	X
	11800	Plumbing and hydronic heating equipment and supplies, including gas appliances and water heaters	184	839 437	166 555	19.8	.2	36.1
	11811	Plastic pipe fittings and valves, excluding pipes and tubing	106	427 243	32 082	7.5	Z	X
	11812	Metal pipe fittings and valves, excluding pipes and tubing	139	631 141	92 788	14.7	.1	X
	11813	Plumbing fixtures	52	182 489	16 882	9.3	Z	X
	11814	Hydronic and gas furnaces, stoves, water heaters, excluding electric . .	13	44 536	1 815	4.1	Z	X
	11815	Boilers, radiators, and convectors	25	72 439	2 734	3.8	Z	X
	11818	Other plumbing and heating equipment and supplies	56	271 894	20 254	7.4	Z	X
	11900	Forced-air heating and air-conditioning equipment and supplies	36	121 978	31 725	26.0	Z	57.4
	11911	Forced air furnaces	23	84 545	6 143	7.3	Z	X
	11912	Central air-conditioners	23	84 545	3 546	4.2	Z	X
	11916	Air cleaning and filtration systems	18	75 010	1 421	1.9	Z	X
	11918	Condensing units for air-conditioners	8	41 527	805	1.9	Z	X
	11919	Registers, grills, duct insulation, and pre-formed ductwork, excluding unformed sheet metal	30	100 154	19 668	19.6	Z	X
	12000	Refrigeration equipment and supplies, including commercial refrigerators	16	33 408	7 244	21.7	Z	61.6
	12014	Refrigerants	7	4 343	246	5.7	Z	X
	12015	Other commercial refrigeration equipment and supplies	7	3 649	273	7.5	Z	X
	12100	Construction and mining machinery and equipment, including parts and attachments	30	62 490	5 842	9.3	Z	X
	12200	Farm machinery, equipment, and parts	14	17 495	1 514	8.7	Z	X
	12220	Lawn and garden machinery, equipment, and parts	13	88 868	3 674	4.1	Z	X
	12300	Hydraulic and pneumatic pumps, motors, and parts	8	22 053	938	4.3	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	306	2 499 778	223 846	9.0	.3	X
	12330	Metalworking machinery, equipment, and parts	37	132 477	15 130	11.4	Z	X
	12340	Materials handling machinery, equipment, and parts	67	175 394	33 233	18.9	Z	51.6
	12341	New conveying equipment	39	95 174	18 024	18.9	Z	X
	12342	New hoists and cranes	35	80 853	6 545	8.1	Z	X
	12343	New forklifts	7	25 200	4 273	17.0	Z	X
	12344	New industrial trucks and tractors	7	6 971	944	13.5	Z	X
	12345	Used materials handling machinery, equipment, and parts	26	48 133	3 447	7.2	Z	X
	12350	Oil well, oil refinery, and pipeline machinery, equipment, and supplies . .	35	300 668	28 152	9.4	Z	X
	12360	Other industrial machinery, equipment, and parts	22	67 579	5 074	7.5	Z	52.3
	12366	Other new industrial machinery and equipment, including industrial water treatment equipment	10	46 885	2 744	5.9	Z	X
	12367	Used industrial machinery and equipment	9	22 701	610	2.7	Z	X
	12370	Mechanical power transmission supplies	18	25 998	2 512	9.7	Z	51.6
	12371	Bearings and bushings	9	10 291	1 032	10.0	Z	X
	12372	Other mechanical power transmission supplies	9	18 936	845	4.5	Z	X
	12380	Industrial valves and fittings, excluding hydraulic valves and fittings	323	2 153 834	352 681	16.4	.5	X
	12390	Hydraulic and pneumatic valves	8	9 845	625	6.3	Z	X
	12400	Hydraulic and pneumatic cylinders and rotary actuators	7	26 138	1 726	6.6	Z	X
	12420	Hydraulic and pneumatic connectors and assemblies	12	41 290	10 322	25.0	Z	44.3
	12421	Hydraulic and pneumatic connectors	9	31 183	4 220	13.5	Z	X
	12422	Hydraulic and pneumatic assemblies	8	30 047	6 102	20.3	Z	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
42351		MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Metal service centers and other metal merchant wholesalers—Con.						
	12440	Welding supplies, excluding gases	28	63 426	10 156	16.0	Z	X
	12450	Industrial containers and supplies	24	43 570	2 452	5.6	Z	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	225	836 992	51 890	6.2	.1	X
	12530	Laundry and dry-cleaning equipment and supplies	6	10 845	260	2.4	Z	X
	12630	Other transportation equipment and supplies	10	14 688	1 564	10.6	Z	X
	12700	Sporting and recreational goods and supplies	9	19 373	3 599	18.6	Z	X
	12900	Ferrous metal scrap	331	4 340 957	312 129	7.2	.4	X
	12920	Nonferrous metal scrap	391	4 536 652	663 557	14.6	.9	27.0
	12921	Aluminum scrap	352	4 388 832	530 642	12.1	.7	X
	12922	Copper and copper alloy scrap	239	2 085 060	71 794	3.4	.1	X
	12923	Lead scrap	117	741 141	10 527	1.4	Z	X
	12924	Other nonferrous metallic scrap, including nickel, zinc, and precious metals	138	2 663 775	50 594	1.9	.1	X
	12930	Recyclable paper and paperboard	32	74 749	3 731	5.0	Z	X
	12940	Recyclable materials, excluding metals and paper	29	36 821	4 325	11.7	Z	77.6
	12943	Recyclable plastics	25	33 346	1 617	4.8	Z	X
	12944	Recyclable glass	19	19 895	1 644	8.3	Z	X
	13000	Jewelry, diamonds, gemstones, and watches	12	15 104	1 244	8.2	Z	63.5
	13016	Other jewelry, silverware, and plated ware, including costume jewelry .	6	3 399	580	17.1	Z	X
	13030	Precious metals—gold, silver, and platinum, including precious metal coins	19	2 125 957	654 322	30.8	.9	X
	13120	Non-lumber forest products, including cordwood, hewn posts, poles, and railroad ties	13	34 292	4 283	12.5	Z	X
	13150	Miscellaneous durable goods	18	248 291	37 672	15.2	.1	X
	13400	Paper and plastic products	39	49 889	9 800	19.6	Z	X
	15300	Plastics materials and basic shapes	540	4 031 975	471 275	11.7	.6	X
	15320	Industrial gases	10	8 958	938	10.5	Z	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	207	4 317 974	378 035	8.8	.5	X
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	26	354 233	29 983	8.5	Z	X
	15420	Liquefied petroleum (LP)	8	825 702	41 446	5.0	.1	X
	16000	Paint, paint supplies, wallpaper, and wallpaper supplies	42	132 893	8 422	6.3	Z	X
	16120	Art goods, including novelties and souvenirs	6	24 059	6 924	28.8	Z	X
	19700	Service receipts and labor charges, including installed parts	882	5 140 746	246 518	4.8	.3	71.3
	19701	Labor charges for repair work	415	990 212	45 890	4.6	.1	X
	19702	Parts installed in repair work	256	707 958	25 238	3.6	Z	X
	19703	Other service receipts and labor charges	484	4 203 557	175 390	4.2	.2	X
	19720	Receipts for service contracts	10	43 789	1 877	4.3	Z	X
	19740	Receipts for installing equipment	43	93 230	12 241	13.1	Z	X
	19810	Miscellaneous commodities	618	4 760 080	347 508	7.3	.5	X
	19940	Rental and operating lease receipts	180	621 917	36 101	5.8	Z	X
	19950	Construction receipts	17	36 789	10 926	29.7	Z	X
423510		Metal service centers and other metal merchant wholesalers	9 750	X	75 226 627	X	100.0	77.6
	10100	New and used automobiles, motorcycles, and trailers	8	14 560	938	6.4	Z	X
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	32	44 966	5 585	12.4	Z	44.6
	10214	Brake parts, including fluid and all disk and drum parts	7	5 374	71	1.3	Z	X
	10216	Automotive glass	9	13 366	1 656	12.4	Z	X
	10218	Filters, including oil, air, gas, and transmission	7	1 889	30	1.6	Z	X
	10221	Body parts and repair materials	10	4 221	93	2.2	Z	X
	10223	Other automotive parts and supplies	19	30 325	3 519	11.6	Z	X
	10240	Used automotive parts, accessories, and equipment	56	63 360	8 708	13.7	Z	X
	10300	Tires and tubes	7	5 902	491	8.3	Z	77.6
	10312	Re-treaded and used automobile tires and repair materials	6	3 179	43	1.4	Z	X
	10420	Office and business furniture	6	47 922	10 909	22.8	Z	X
	10530	Flooring and floor coverings	8	17 257	1 253	7.3	Z	X
	10600	Rough, dressed, and finished dimensional lumber	49	278 378	40 094	14.4	.1	75.1
	10611	Untreated lumber	28	179 405	27 963	15.6	Z	X
	10612	Treated lumber	36	203 533	9 128	4.5	Z	X
	10613	Boards	7	49 215	3 003	6.1	Z	X
	10620	Plywood and millwork	79	760 841	77 892	10.2	.1	60.0
	10621	Softwood plywood, softwood veneer, and Oriented Strand Board (OSB)	12	173 919	19 122	11.0	Z	X
	10622	Other panels products, including hardwood plywood, hardwood veneer, and particleboard	33	543 448	25 073	4.6	Z	X
	10623	Gypsum, waterboard, and other specialty boards	20	200 178	22 842	11.4	Z	X
	10624	Wood millwork, including moldings, doors, windows, and cabinets	22	50 118	7 541	15.0	Z	X
	10625	Metal millwork	12	22 433	3 146	14.0	Z	X
	10700	Concrete, cement, sand, gravel, stone, brick, block, and tile	40	173 242	15 013	8.7	Z	52.2
	10711	Ready-mixed or transit-mixed concrete	12	45 510	2 285	5.0	Z	X
	10712	Cement and lime	18	86 941	6 194	7.1	Z	X
	10713	Sand, gravel, and crushed stone	11	17 734	1 135	6.4	Z	X
	10714	Brick, block, tile, and clay or cement sewer pipe	8	49 123	5 399	11.0	Z	X
	10720	Nonwood roofing, nonwood siding, and insulation materials	42	331 312	63 201	19.1	.1	X
	10730	Flat glass and other construction glass	30	35 576	6 470	18.2	Z	X
	10740	Other construction products and materials	525	2 605 740	463 534	17.8	.6	X
	10900	Office equipment, excluding computers	6	18 350	423	2.3	Z	X
	11100	Semi-finished iron and steel products	1 433	14 785 808	5 113 388	34.6	6.8	56.0
	11111	Sheet bars and tin plate bars	343	3 439 902	664 327	19.3	.9	X
	11112	Wire rods	270	6 003 875	1 236 060	20.6	1.6	X
	11113	Rough castings and foundry products	402	3 119 542	869 284	27.9	1.2	X
	11114	Forgings	320	2 637 802	335 617	12.7	.4	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
423510		MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Metal service centers and other metal merchant wholesalers—Con.						
	11100	Semi-finished iron and steel products—Con.						
	11116	Other semi-finished iron and steel products	601	8 575 185	2 008 100	23.4	2.7	X
	11120	Flat iron and steel products	4 181	38 138 895	20 917 854	54.8	27.8	73.6
	11121	Plates	2 141	20 519 119	3 786 826	18.5	5.0	X
	11122	Hot-rolled and cold-rolled strips	1 259	9 831 373	2 258 374	23.0	3.0	X
	11123	Cold-rolled sheets	1 744	22 316 922	3 121 428	14.0	4.1	X
	11124	Hot-rolled sheets	1 963	22 773 077	3 495 650	15.4	4.6	X
	11126	Galvanized and coated sheets	1 772	22 601 149	4 712 399	20.9	6.3	X
	11127	Tin plate and terneplate	122	2 346 616	322 285	13.7	.4	X
	11128	Fabricated and structural plate products	923	4 419 152	776 474	17.6	1.0	X
	11129	Other flat iron and steel products	1 215	14 359 868	2 444 418	17.0	3.2	X
	11140	Iron and steel wire and wire products	1 755	8 203 101	2 673 461	32.6	3.6	65.9
	11141	Wire, including plain, coated, barbed, and twisted	848	5 376 206	1 209 578	22.5	1.6	X
	11142	Nails	536	1 969 999	733 425	37.2	1.0	X
	11143	Wire rope, strand, strapping, reinforcement mesh, and bale ties	747	3 515 084	730 458	20.8	1.0	X
	11150	Iron and steel pipes and tubing	3 034	25 218 568	7 752 941	30.7	10.3	71.2
	11152	Tubing	2 255	19 954 804	3 822 774	19.2	5.1	X
	11153	Standard steel pipes	2 024	16 535 862	3 030 231	18.3	4.0	X
	11154	Other steel pipes	684	7 100 535	899 936	12.7	1.2	X
	11160	Other iron and steel products	3 089	26 159 440	8 369 466	32.0	11.1	69.5
	11162	Hot-rolled bars and bar-size shapes, excluding reinforcement bars	1 529	13 775 294	1 693 333	12.3	2.3	X
	11163	Cold-finished bars and bar-size shapes	1 351	13 365 508	1 004 272	7.5	1.3	X
	11164	Concrete reinforcement bars	1 010	7 680 242	1 750 571	22.8	2.3	X
	11165	Structural shapes, excluding bar-size shapes	1 525	13 730 186	2 380 385	17.3	3.2	X
	11167	Other finished products	915	7 180 430	1 540 905	21.5	2.0	X
	11170	Alloy steel	1 489	13 019 542	2 260 292	17.4	3.0	72.8
	11171	Hot-rolled or cold-finished bars	940	7 467 201	818 509	11.0	1.1	X
	11173	Pipes, tubing, and plates	819	8 673 903	917 753	10.6	1.2	X
	11175	Other alloy steel	477	2 561 839	524 030	20.5	.7	X
	11180	Stainless steel	2 549	22 655 666	5 453 979	24.1	7.3	71.7
	11181	Plates	1 173	11 527 564	842 654	7.3	1.1	X
	11182	Strip	542	3 467 466	612 063	17.7	.8	X
	11183	Sheets	1 312	13 230 653	1 591 344	12.0	2.1	X
	11184	Bars and bar-size shapes	1 363	12 057 504	1 059 541	8.8	1.4	X
	11185	Other stainless steel, including tubing	1 486	13 518 353	1 348 377	10.0	1.8	X
	11200	Copper and brass	1 645	18 440 634	3 941 342	21.4	5.2	46.5
	11211	Structural copper wire mill products	210	2 319 435	377 230	16.3	.5	X
	11212	Flat products, including sheets, strips, and plates	980	12 703 041	1 364 513	10.7	1.8	X
	11213	Tubular products	654	8 400 688	731 966	8.7	1.0	X
	11214	Rods, nonelectrical wire, and extruded shapes	808	12 391 936	1 467 633	11.8	2.0	X
	11220	Aluminum shapes and forms, including pipes and tubing	2 553	26 138 853	8 422 983	32.2	11.2	57.5
	11221	Plates - .250 inches and over	1 166	14 257 646	1 681 061	11.8	2.2	X
	11222	Sheets and coils - .006 to .249 inches	1 419	16 443 076	3 046 732	18.5	4.1	X
	11223	Rolled or extruded rods, bars, and wires, including rounds, hexes, squares, and rectangles	1 618	17 742 926	2 578 532	14.5	3.4	X
	11224	Pipes and tubing, including hollow bar, square, and rectangular tubing	1 298	13 330 113	984 520	7.4	1.3	X
	11225	Foil - up to .005 inches	148	1 442 341	132 138	9.2	.2	X
	11230	Other nonferrous metals, including magnesium, nickel, tin, lead, and zinc, excluding gemstones	842	10 741 288	3 378 548	31.5	4.5	X
	11300	Coal and coke	9	689 390	13 267	1.9	Z	X
	11320	Minerals and ores, excluding coal, gemstones, and crude oil	22	4 000 417	947 974	23.7	1.3	X
	11400	Electrical apparatus and equipment	160	985 525	104 179	10.6	.1	X
	11500	Electric household appliances, including gas clothes dryers	9	39 317	2 657	6.8	Z	X
	11600	Electronic parts and equipment, excluding communications equipment ..	162	711 837	31 130	4.4	Z	X
	11650	Communications equipment and supplies	23	38 797	6 953	17.9	Z	X
	11700	Hardware	1 307	6 328 044	623 481	9.9	.8	63.3
	11711	Hand tools, including power driven tools	646	2 373 582	231 147	9.7	.3	X
	11712	Bolts, nuts, rivets, and other fasteners, excluding nails	1 007	5 299 626	389 022	7.3	.5	X
	11713	Cutlery	28	119 509	3 312	2.8	Z	X
	11800	Plumbing and hydronic heating equipment and supplies, including gas appliances and water heaters	184	839 437	166 555	19.8	.2	36.1
	11811	Plastic pipe fittings and valves, excluding pipes and tubing	106	427 243	32 082	7.5	Z	X
	11812	Metal pipe fittings and valves, excluding pipes and tubing	139	631 141	92 788	14.7	.1	X
	11813	Plumbing fixtures	52	182 489	16 882	9.3	Z	X
	11814	Hydronic and gas furnaces, stoves, water heaters, excluding electric ..	13	44 536	1 815	4.1	Z	X
	11815	Boilers, radiators, and convectors	25	72 439	2 734	3.8	Z	X
	11818	Other plumbing and heating equipment and supplies	56	271 894	20 254	7.4	Z	X
	11900	Forced-air heating and air-conditioning equipment and supplies	36	121 978	31 725	26.0	Z	57.4
	11911	Forced air furnaces	23	84 545	6 143	7.3	Z	X
	11912	Central air-conditioners	23	84 545	3 546	4.2	Z	X
	11916	Air cleaning and filtration systems	18	75 010	1 421	1.9	Z	X
	11918	Condensing units for air-conditioners	8	41 527	805	1.9	Z	X
	11919	Registers, grills, duct insulation, and pre-formed ductwork, excluding unformed sheet metal	30	100 154	19 668	19.6	Z	X
	12000	Refrigeration equipment and supplies, including commercial refrigerators	16	33 408	7 244	21.7	Z	61.6
	12014	Refrigerants	7	4 343	246	5.7	Z	X
	12015	Other commercial refrigeration equipment and supplies	7	3 649	273	7.5	Z	X
	12100	Construction and mining machinery and equipment, including parts and attachments	30	62 490	5 842	9.3	Z	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line¹	Establishments with the product line		Product line sales			Response coverage³ (percent)
			Number	Total sales (\$1,000)	Amount² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments²	
423510		MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Metal service centers and other metal merchant wholesalers—Con.						
	12200	Farm machinery, equipment, and parts	14	17 495	1 514	8.7	Z	X
	12220	Lawn and garden machinery, equipment, and parts	13	88 868	3 674	4.1	Z	X
	12300	Hydraulic and pneumatic pumps, motors, and parts	8	22 053	938	4.3	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	306	2 499 778	223 846	9.0	.3	X
	12330	Metalworking machinery, equipment, and parts	37	132 477	15 130	11.4	Z	X
	12340	Materials handling machinery, equipment, and parts	67	175 394	33 233	18.9	Z	51.6
	12341	New conveying equipment	39	95 174	18 024	18.9	Z	X
	12342	New hoists and cranes	35	80 853	6 545	8.1	Z	X
	12343	New forklifts	7	25 200	4 273	17.0	Z	X
	12344	New industrial trucks and tractors	7	6 971	944	13.5	Z	X
	12345	Used materials handling machinery, equipment, and parts	26	48 133	3 447	7.2	Z	X
	12350	Oil well, oil refinery, and pipeline machinery, equipment, and supplies . . .	35	300 668	28 152	9.4	Z	X
	12360	Other industrial machinery, equipment, and parts	22	67 579	5 074	7.5	Z	52.3
	12366	Other new industrial machinery and equipment, including industrial water treatment equipment	10	46 885	2 744	5.9	Z	X
	12367	Used industrial machinery and equipment	9	22 701	610	2.7	Z	X
	12370	Mechanical power transmission supplies	18	25 998	2 512	9.7	Z	51.6
	12371	Bearings and bushings	9	10 291	1 032	10.0	Z	X
	12372	Other mechanical power transmission supplies	9	18 936	845	4.5	Z	X
	12380	Industrial valves and fittings, excluding hydraulic valves and fittings	323	2 153 834	352 681	16.4	.5	X
	12390	Hydraulic and pneumatic valves	8	9 845	625	6.3	Z	X
	12400	Hydraulic and pneumatic cylinders and rotary actuators	7	26 138	1 726	6.6	Z	X
	12420	Hydraulic and pneumatic connectors and assemblies	12	41 290	10 322	25.0	Z	44.3
	12421	Hydraulic and pneumatic connectors	9	31 183	4 220	13.5	Z	X
	12422	Hydraulic and pneumatic assemblies	8	30 047	6 102	20.3	Z	X
	12440	Welding supplies, excluding gases	28	63 426	10 156	16.0	Z	X
	12450	Industrial containers and supplies	24	43 570	2 452	5.6	Z	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	225	836 992	51 890	6.2	.1	X
	12530	Laundry and dry-cleaning equipment and supplies	6	10 845	260	2.4	Z	X
	12630	Other transportation equipment and supplies	10	14 688	1 564	10.6	Z	X
	12700	Sporting and recreational goods and supplies	9	19 373	3 599	18.6	Z	X
	12900	Ferrous metal scrap	331	4 340 957	312 129	7.2	.4	X
	12920	Nonferrous metal scrap	391	4 536 652	663 557	14.6	.9	27.0
	12921	Aluminum scrap	352	4 388 832	530 642	12.1	.7	X
	12922	Copper and copper alloy scrap	239	2 085 060	71 794	3.4	.1	X
	12923	Lead scrap	117	741 141	10 527	1.4	Z	X
	12924	Other nonferrous metallic scrap, including nickel, zinc, and precious metals	138	2 663 775	50 594	1.9	.1	X
	12930	Recyclable paper and paperboard	32	74 749	3 731	5.0	Z	X
	12940	Recyclable materials, excluding metals and paper	29	36 821	4 325	11.7	Z	77.6
	12943	Recyclable plastics	25	33 346	1 617	4.8	Z	X
	12944	Recyclable glass	19	19 895	1 644	8.3	Z	X
	13000	Jewelry, diamonds, gemstones, and watches	12	15 104	1 244	8.2	Z	63.5
	13016	Other jewelry, silverware, and plated ware, including costume jewelry .	6	3 399	580	17.1	Z	X
	13030	Precious metals--gold, silver, and platinum, including precious metal coins	19	2 125 957	654 322	30.8	.9	X
	13120	Non-lumber forest products, including cordwood, hewn posts, poles, and railroad ties	13	34 292	4 283	12.5	Z	X
	13150	Miscellaneous durable goods	18	248 291	37 672	15.2	.1	X
	13400	Paper and plastic products	39	49 889	9 800	19.6	Z	X
	15300	Plastics materials and basic shapes	540	4 031 975	471 275	11.7	.6	X
	15320	Industrial gases	10	8 958	938	10.5	Z	X
15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum . .	207	4 317 974	378 035	8.8	.5	X	
15400	Refined petroleum products, excluding liquefied petroleum (LP)	26	354 233	29 983	8.5	Z	X	
15420	Liquefied petroleum (LP)	8	825 702	41 446	5.0	.1	X	
16000	Paint, paint supplies, wallpaper, and wallpaper supplies	42	132 893	8 422	6.3	Z	X	
16120	Art goods, including novelties and souvenirs	6	24 059	6 924	28.8	Z	X	
19700	Service receipts and labor charges, including installed parts	882	5 140 746	246 518	4.8	.3	71.3	
19701	Labor charges for repair work	415	990 212	45 890	4.6	.1	X	
19702	Parts installed in repair work	256	707 958	25 238	3.6	Z	X	
19703	Other service receipts and labor charges	484	4 203 557	175 390	4.2	.2	X	
19720	Receipts for service contracts	10	43 789	1 877	4.3	Z	X	
19740	Receipts for installing equipment	43	93 230	12 241	13.1	Z	X	
19810	Miscellaneous commodities	618	4 760 080	347 508	7.3	.5	X	
19940	Rental and operating lease receipts	180	621 917	36 101	5.8	Z	X	
19950	Construction receipts	17	36 789	10 926	29.7	Z	X	
42352		Coal and other mineral and ore merchant wholesalers	491	X	5 489 100	X	100.0	77.8
	11100	Semi-finished iron and steel products	8	121 413	38 545	31.7	.7	74.3
	11116	Other semi-finished iron and steel products	6	116 889	37 368	32.0	.7	X
	11300	Coal and coke	292	4 188 322	3 977 904	95.0	72.5	68.5
	11311	Coal	260	3 912 479	3 525 267	90.1	64.2	X
	11312	Coke	61	603 205	452 637	75.0	8.2	X
	11320	Minerals and ores, excluding coal, gemstones, and crude oil	220	1 585 661	1 279 597	80.7	23.3	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	10	151 007	1 665	1.1	Z	X
	13000	Jewelry, diamonds, gemstones, and watches	23	12 309	3 580	29.1	.1	29.1
	13011	Diamonds and diamond jewelry where lapidary work was not performed at this location	8	8 501	2 676	31.5	Z	X
	13012	Gemstone and pearl jewelry where lapidary work was not performed at this location	13	3 195	700	21.9	Z	X
	15300	Plastics materials and basic shapes	8	29 190	10 757	36.9	.2	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
42352		MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Coal and other mineral and ore merchant wholesalers—Con.						
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	21	298 172	71 153	23.9	1.3	X
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	6	23 335	6 457	27.7	.1	X
	19700	Service receipts and labor charges, including installed parts	14	119 385	8 757	7.3	.2	42.5
	19703	Other service receipts and labor charges	8	99 145	7 482	7.5	.1	X
	19810	Miscellaneous commodities	44	534 112	63 817	11.9	1.2	X
19940	Rental and operating lease receipts	10	78 405	766	1.0	Z	X	
423520		Coal and other mineral and ore merchant wholesalers	491	X	5 489 100	X	100.0	77.8
	11100	Semi-finished iron and steel products	8	121 413	38 545	31.7	.7	74.3
	11116	Other semi-finished iron and steel products	6	116 889	37 368	32.0	.7	X
	11300	Coal and coke	292	4 188 322	3 977 904	95.0	72.5	68.5
	11311	Coal	260	3 912 479	3 525 267	90.1	64.2	X
	11312	Coke	61	603 205	452 637	75.0	8.2	X
	11320	Minerals and ores, excluding coal, gemstones, and crude oil	220	1 585 661	1 279 597	80.7	23.3	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	10	151 007	1 665	1.1	Z	X
	13000	Jewelry, diamonds, gemstones, and watches	23	12 309	3 580	29.1	.1	29.1
	13011	Diamonds and diamond jewelry where lapidary work was not performed at this location	8	8 501	2 676	31.5	Z	X
	13012	Gemstone and pearl jewelry where lapidary work was not performed at this location	13	3 195	700	21.9	Z	X
	15300	Plastics materials and basic shapes	8	29 190	10 757	36.9	.2	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	21	298 172	71 153	23.9	1.3	X
	15400	Refined petroleum products, excluding liquefied petroleum (LP)	6	23 335	6 457	27.7	.1	X
	19700	Service receipts and labor charges, including installed parts	14	119 385	8 757	7.3	.2	42.5
	19703	Other service receipts and labor charges	8	99 145	7 482	7.5	.1	X
	19810	Miscellaneous commodities	44	534 112	63 817	11.9	1.2	X
	19940	Rental and operating lease receipts	10	78 405	766	1.0	Z	X
42393		Recyclable material merchant wholesalers	7 145	X	28 207 100	X	100.0	75.4
	10100	New and used automobiles, motorcycles, and trailers	10	18 636	1 403	7.5	Z	X
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	13	28 535	6 457	22.6	Z	X
	10240	Used automotive parts, accessories, and equipment	322	597 884	38 012	6.4	.1	X
	10300	Tires and tubes	6	15 563	1 100	7.1	Z	X
	10740	Other construction products and materials	6	17 835	750	4.2	Z	X
	11100	Semi-finished iron and steel products	88	179 207	11 687	6.5	Z	X
	11120	Flat iron and steel products	291	850 583	74 554	8.8	.3	X
	11140	Iron and steel wire and wire products	169	530 031	12 970	2.4	Z	X
	11150	Iron and steel pipes and tubing	243	648 609	37 013	5.7	.1	X
	11160	Other iron and steel products	282	793 234	51 925	6.5	.2	X
	11170	Alloy steel	178	755 455	34 239	4.5	.1	X
	11180	Stainless steel	970	4 953 322	269 154	5.4	1.0	X
	11200	Copper and brass	785	3 317 488	161 334	4.9	.6	X
	11220	Aluminum shapes and forms, including pipes and tubing	204	667 666	92 102	13.8	.3	X
	11230	Other nonferrous metals, including magnesium, nickel, tin, lead, and zinc, excluding gemstones	409	1 836 425	88 250	4.8	.3	X
	11400	Electrical apparatus and equipment	6	9 119	3 036	33.3	Z	X
	11700	Hardware	10	19 300	1 343	7.0	Z	64.6
	11712	Bolts, nuts, rivets, and other fasteners, excluding nails	6	16 578	90	.5	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	12	78 561	16 197	20.6	.1	49.2
	12326	New controlling, recording, and indicating instruments and accessories	6	70 114	15 351	21.9	.1	X
	12340	Materials handling machinery, equipment, and parts	6	25 912	435	1.7	Z	X
	12360	Other industrial machinery, equipment, and parts	6	14 480	3 811	26.3	Z	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	8	20 163	496	2.5	Z	X
	12520	Janitorial equipment and supplies	6	8 819	2 395	27.2	Z	X
	12900	Ferrous metal scrap	3 671	16 816 282	10 833 940	64.4	38.4	69.1
	12911	Prepared ferrous metal scrap processed by this establishment	2 404	11 127 469	5 983 113	53.8	21.2	X
	12912	Prepared ferrous metal scrap not processed by this establishment	1 083	8 237 755	4 337 273	52.7	15.4	X
	12913	Unprepared ferrous metal scrap, including bi-metal cans	1 415	3 556 456	513 554	14.4	1.8	X
	12920	Nonferrous metal scrap	4 308	17 528 842	8 863 063	50.6	31.4	69.1
	12921	Aluminum scrap	3 977	15 835 247	5 371 930	33.9	19.0	X
	12922	Copper and copper alloy scrap	2 939	11 500 000	1 714 390	14.9	6.1	X
	12923	Lead scrap	1 006	3 696 354	135 495	3.7	.5	X
	12924	Other nonferrous metallic scrap, including nickel, zinc, and precious metals	2 058	9 415 559	1 641 248	17.4	5.8	X
	12930	Recyclable paper and paperboard	1 840	6 583 444	4 777 328	72.6	16.9	X
	12940	Recyclable materials, excluding metals and paper	2 004	4 942 023	2 387 920	48.3	8.5	72.0
	12941	Recyclable textiles, including rags and textile scraps	415	553 768	431 243	77.9	1.5	X
	12943	Recyclable plastics	1 069	3 197 390	779 925	24.4	2.8	X
	12944	Recyclable glass	610	2 114 080	592 255	28.0	2.1	X
	12945	Other recyclable materials, including rubber and bones	505	918 786	584 497	63.6	2.1	X
	13030	Precious metals--gold, silver, and platinum, including precious metal coins	11	28 378	1 928	6.8	Z	X
	13150	Miscellaneous durable goods	9	30 785	2 346	7.6	Z	X
	13200	Printing and writing paper	7	8 757	359	4.1	Z	35.6
	13211	Newsprint	7	8 757	359	4.1	Z	X
	13400	Paper and plastic products	186	388 972	125 551	32.3	.4	X
	15300	Plastics materials and basic shapes	8	57 798	8 090	14.0	Z	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
42393		MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Recyclable material merchant wholesalers—Con.						
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	16	70 870	13 501	19.1	Z	X
	19700	Service receipts and labor charges, including installed parts	552	1 891 217	152 978	8.1	.5	71.3
	19701	Labor charges for repair work	149	186 901	6 697	3.6	Z	X
	19702	Parts installed in repair work	111	99 257	3 472	3.5	Z	X
	19703	Other service receipts and labor charges	411	1 752 724	142 809	8.1	.5	X
	19810	Miscellaneous commodities	343	1 051 175	56 644	5.4	.2	X
	19940	Rental and operating lease receipts	232	793 966	20 447	2.6	.1	X
	19950	Construction receipts	23	35 106	5 197	14.8	Z	X
423930		Recyclable material merchant wholesalers	7 145	X	28 207 100	X	100.0	75.4
	10100	New and used automobiles, motorcycles, and trailers	10	18 636	1 403	7.5	Z	X
	10200	New and rebuilt automotive parts and supplies, and trailer parts and supplies	13	28 535	6 457	22.6	Z	X
	10240	Used automotive parts, accessories, and equipment	322	597 884	38 012	6.4	.1	X
	10300	Tires and tubes	6	15 563	1 100	7.1	Z	X
	10740	Other construction products and materials	6	17 835	750	4.2	Z	X
	11100	Semi-finished iron and steel products	88	179 207	11 687	6.5	Z	X
	11120	Flat iron and steel products	291	850 583	74 554	8.8	.3	X
	11140	Iron and steel wire and wire products	169	530 031	12 970	2.4	Z	X
	11150	Iron and steel pipes and tubing	243	648 609	37 013	5.7	.1	X
	11160	Other iron and steel products	282	793 234	51 925	6.5	.2	X
	11170	Alloy steel	178	755 455	34 239	4.5	.1	X
	11180	Stainless steel	970	4 953 322	269 154	5.4	1.0	X
	11200	Copper and brass	785	3 317 488	161 334	4.9	.6	X
	11220	Aluminum shapes and forms, including pipes and tubing	204	667 666	92 102	13.8	.3	X
	11230	Other nonferrous metals, including magnesium, nickel, tin, lead, and zinc, excluding gemstones	409	1 836 425	88 250	4.8	.3	X
	11400	Electrical apparatus and equipment	6	9 119	3 036	33.3	Z	X
	11700	Hardware	10	19 300	1 343	7.0	Z	64.6
	11712	Bolts, nuts, rivets, and other fasteners, excluding nails	6	16 578	90	.5	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	12	78 561	16 197	20.6	.1	49.2
	12326	New controlling, recording, and indicating instruments and accessories	6	70 114	15 351	21.9	.1	X
	12340	Materials handling machinery, equipment, and parts	6	25 912	435	1.7	Z	X
	12360	Other industrial machinery, equipment, and parts	6	14 480	3 811	26.3	Z	X
	12460	Abrasives, strapping, tapes, inks, and mechanical rubber goods	8	20 163	496	2.5	Z	X
	12520	Janitorial equipment and supplies	6	8 819	2 395	27.2	Z	X
	12900	Ferrous metal scrap	3 671	16 816 282	10 833 940	64.4	38.4	69.1
	12911	Prepared ferrous metal scrap processed by this establishment	2 404	11 127 469	5 983 113	53.8	21.2	X
	12912	Prepared ferrous metal scrap not processed by this establishment	1 083	8 237 755	4 337 273	52.7	15.4	X
	12913	Unprepared ferrous metal scrap, including bi-metal cans	1 415	3 556 456	513 554	14.4	1.8	X
	12920	Nonferrous metal scrap	4 308	17 528 842	8 863 063	50.6	31.4	69.1
	12921	Aluminum scrap	3 977	15 835 247	5 371 930	33.9	19.0	X
	12922	Copper and copper alloy scrap	2 939	11 500 000	1 714 390	14.9	6.1	X
	12923	Lead scrap	1 006	3 696 354	135 495	3.7	.5	X
	12924	Other nonferrous metallic scrap, including nickel, zinc, and precious metals	2 058	9 415 559	1 641 248	17.4	5.8	X
	12930	Recyclable paper and paperboard	1 840	6 583 444	4 777 328	72.6	16.9	X
	12940	Recyclable materials, excluding metals and paper	2 004	4 942 023	2 387 920	48.3	8.5	72.0
	12941	Recyclable textiles, including rags and textile scraps	415	553 768	431 243	77.9	1.5	X
	12943	Recyclable plastics	1 069	3 197 390	779 925	24.4	2.8	X
	12944	Recyclable glass	610	2 114 080	592 255	28.0	2.1	X
	12945	Other recyclable materials, including rubber and bones	505	918 786	584 497	63.6	2.1	X
	13030	Precious metals--gold, silver, and platinum, including precious metal coins	11	28 378	1 928	6.8	Z	X
	13150	Miscellaneous durable goods	9	30 785	2 346	7.6	Z	X
	13200	Printing and writing paper	7	8 757	359	4.1	Z	35.6
	13211	Newsprint	7	8 757	359	4.1	Z	X
	13400	Paper and plastic products	186	388 972	125 551	32.3	.4	X
	15300	Plastics materials and basic shapes	8	57 798	8 090	14.0	Z	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	16	70 870	13 501	19.1	Z	X
	19700	Service receipts and labor charges, including installed parts	552	1 891 217	152 978	8.1	.5	71.3
	19701	Labor charges for repair work	149	186 901	6 697	3.6	Z	X
	19702	Parts installed in repair work	111	99 257	3 472	3.5	Z	X
	19703	Other service receipts and labor charges	411	1 752 724	142 809	8.1	.5	X
	19810	Miscellaneous commodities	343	1 051 175	56 644	5.4	.2	X
	19940	Rental and operating lease receipts	232	793 966	20 447	2.6	.1	X
	19950	Construction receipts	23	35 106	5 197	14.8	Z	X
4235		MANUFACTURERS' SALES BRANCHES AND OFFICES						
		Metal and mineral (except petroleum) merchant wholesalers	730	X	35 913 685	X	100.0	70.1
	10740	Other construction products and materials	43	531 554	115 741	21.8	.3	X
	11100	Semi-finished iron and steel products	52	4 879 090	1 890 505	38.7	5.3	70.0
	11111	Sheet bars and tin plate bars	8	293 358	139 053	47.4	.4	X
	11113	Rough castings and foundry products	12	1 692 195	929 838	54.9	2.6	X
	11116	Other semi-finished iron and steel products	27	2 742 593	266 013	9.7	.7	X

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2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
4235		MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Metal and mineral (except petroleum) merchant wholesalers—Con.						
	11120	Flat iron and steel products	224	20 914 656	18 053 460	86.3	50.3	61.6
	11121	Plates	47	1 272 813	209 089	16.4	.6	X
	11122	Hot-rolled and cold-rolled strips	40	1 180 997	298 338	25.3	.8	X
	11123	Cold-rolled sheets	100	16 880 274	4 339 990	25.7	12.1	X
	11124	Hot-rolled sheets	107	17 462 492	3 471 073	19.9	9.7	X
	11126	Galvanized and coated sheets	100	17 210 732	7 755 213	45.1	21.6	X
	11128	Fabricated and structural plate products	69	688 895	76 210	11.1	.2	X
	11129	Other flat iron and steel products	73	9 496 010	1 899 268	20.0	5.3	X
	11140	Iron and steel wire and wire products	113	869 714	339 337	39.0	.9	63.3
	11141	Wire, including plain, coated, barbed, and twisted	83	683 530	217 795	31.9	.6	X
	11143	Wire rope, strand, strapping, reinforcement mesh, and bale ties	30	186 184	121 542	65.3	.3	X
	11150	Iron and steel pipes and tubing	264	3 848 024	1 796 840	46.7	5.0	67.6
	11152	Tubing	112	2 663 728	551 306	20.7	1.5	X
	11153	Standard steel pipes	56	1 484 212	377 687	25.4	1.1	X
	11154	Other steel pipes	168	1 467 198	866 264	59.0	2.4	X
	11160	Other iron and steel products	197	2 691 942	1 144 358	42.5	3.2	65.0
	11162	Hot-rolled bars and bar-size shapes, excluding reinforcement bars	35	1 164 065	494 216	42.5	1.4	X
	11163	Cold-finished bars and bar-size shapes	37	915 580	43 897	4.8	.1	X
	11164	Concrete reinforcement bars	24	303 792	64 699	21.3	.2	X
	11165	Structural shapes, excluding bar-size shapes	35	770 844	104 396	13.5	.3	X
	11167	Other finished products	128	1 199 592	437 150	36.4	1.2	X
	11170	Alloy steel	42	3 592 507	694 635	19.3	1.9	69.3
	11171	Hot-rolled or cold-finished bars	18	483 900	2 976	.6	Z	X
	11173	Pipes, tubing, and plates	12	624 936	314 604	50.3	.9	X
	11175	Other alloy steel	14	2 527 601	377 055	14.9	1.1	X
	11180	Stainless steel	104	6 638 699	1 697 129	25.6	4.7	69.1
	11181	Plates	38	1 201 034	46 786	3.9	.1	X
	11182	Strip	39	3 768 378	662 932	17.6	1.8	X
	11183	Sheets	59	3 204 239	553 613	17.3	1.5	X
	11184	Bars and bar-size shapes	39	1 438 314	204 872	14.2	.6	X
	11185	Other stainless steel, including tubing	41	1 551 072	228 926	14.8	.6	X
	11200	Copper and brass	77	3 780 757	2 460 035	65.1	6.9	63.8
	11212	Flat products, including sheets, strips, and plates	64	1 948 387	1 336 890	68.6	3.7	X
	11213	Tubular products	13	257 131	92 901	36.1	.3	X
	11214	Rods, nonelectrical wire, and extruded shapes	10	1 631 665	106 720	6.5	.3	X
	11220	Aluminum shapes and forms, including pipes and tubing	129	4 168 392	1 403 826	33.7	3.9	66.2
	11221	Plates - .250 inches and over	42	1 246 118	118 157	9.5	.3	X
	11222	Sheets and coils - .006 to .249 inches	65	2 137 214	309 161	14.5	.9	X
	11223	Rolled or extruded rods, bars, and wires, including rounds, hexes, squares, and rectangles	91	3 107 127	894 346	28.8	2.5	X
	11224	Pipes and tubing, including hollow bar, square, and rectangular tubing	36	872 603	70 167	8.0	.2	X
	11230	Other nonferrous metals, including magnesium, nickel, tin, lead, and zinc, excluding gemstones	25	2 370 228	1 718 624	72.5	4.8	X
	11300	Coal and coke	24	3 476 321	3 476 321	100.0	9.7	69.8
	11311	Coal	21	3 449 032	3 449 032	100.0	9.6	X
	11320	Minerals and ores, excluding coal, gemstones, and crude oil	14	560 517	546 981	97.6	1.5	X
	11700	Hardware	21	326 252	29 694	9.1	.1	44.9
	11712	Bolts, nuts, rivets, and other fasteners, excluding nails	17	171 725	16 680	9.7	Z	X
	12320	General-purpose industrial machinery, equipment, and parts	8	114 340	13 843	12.1	Z	X
	12900	Ferrous metal scrap	24	732 514	10 541	1.4	Z	X
	12920	Nonferrous metal scrap	16	519 224	10 779	2.1	Z	X
	15300	Plastics materials and basic shapes	83	910 182	104 695	11.5	.3	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	15	115 517	25 838	22.4	.1	X
	19700	Service receipts and labor charges, including installed parts	31	3 714 854	186 205	5.0	.5	70.1
	19701	Labor charges for repair work	12	403 151	10 227	2.5	Z	X
	19703	Other service receipts and labor charges	19	3 311 703	169 512	5.1	.5	X
	19810	Miscellaneous commodities	104	1 582 055	124 021	7.8	.3	X
	19940	Rental and operating lease receipts	7	27 722	1 127	4.1	Z	X
42351		Metal service centers and other metal merchant wholesalers	692	X	31 876 847	X	100.0	71.8
	10740	Other construction products and materials	43	531 554	115 741	21.8	.4	X
	11100	Semi-finished iron and steel products	52	4 879 090	1 890 505	38.7	5.9	71.7
	11111	Sheet bars and tin plate bars	8	293 358	139 053	47.4	.4	X
	11113	Rough castings and foundry products	12	1 692 195	929 838	54.9	2.9	X
	11116	Other semi-finished iron and steel products	27	2 742 593	266 013	9.7	.8	X
	11120	Flat iron and steel products	224	20 914 656	18 053 460	86.3	56.6	63.1
	11121	Plates	47	1 272 813	209 089	16.4	.7	X
	11122	Hot-rolled and cold-rolled strips	40	1 180 997	298 338	25.3	.9	X
	11123	Cold-rolled sheets	100	16 880 274	4 339 990	25.7	13.6	X
	11124	Hot-rolled sheets	107	17 462 492	3 471 073	19.9	10.9	X
	11126	Galvanized and coated sheets	100	17 210 732	7 755 213	45.1	24.3	X
	11128	Fabricated and structural plate products	69	688 895	76 210	11.1	.2	X
	11129	Other flat iron and steel products	73	9 496 010	1 899 268	20.0	6.0	X
	11140	Iron and steel wire and wire products	113	869 714	339 337	39.0	1.1	64.9
	11141	Wire, including plain, coated, barbed, and twisted	83	683 530	217 795	31.9	.7	X
	11143	Wire rope, strand, strapping, reinforcement mesh, and bale ties	30	186 184	121 542	65.3	.4	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
42351		MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Metal service centers and other metal merchant wholesalers—Con.						
	11150	Iron and steel pipes and tubing	264	3 848 024	1 796 840	46.7	5.6	69.2
	11152	Tubing	112	2 663 728	551 306	20.7	1.7	X
	11153	Standard steel pipes	56	1 484 212	377 687	25.4	1.2	X
	11154	Other steel pipes	168	1 467 198	866 264	59.0	2.7	X
	11160	Other iron and steel products	197	2 691 942	1 144 358	42.5	3.6	66.6
	11162	Hot-rolled bars and bar-size shapes, excluding reinforcement bars	35	1 164 065	494 216	42.5	1.6	X
	11163	Cold-finished bars and bar-size shapes	37	915 580	43 897	4.8	.1	X
	11164	Concrete reinforcement bars	24	303 792	64 699	21.3	.2	X
	11165	Structural shapes, excluding bar-size shapes	35	770 844	104 396	13.5	.3	X
	11167	Other finished products	128	1 199 592	437 150	36.4	1.4	X
	11170	Alloy steel	42	3 592 507	694 635	19.3	2.2	71.0
	11171	Hot-rolled or cold-finished bars	18	483 900	2 976	.6	Z	X
	11173	Pipes, tubing, and plates	12	624 936	314 604	50.3	1.0	X
	11175	Other alloy steel	14	2 527 601	377 055	14.9	1.2	X
	11180	Stainless steel	104	6 638 699	1 697 129	25.6	5.3	70.8
	11181	Plates	38	1 201 034	46 786	3.9	.1	X
	11182	Strip	39	3 768 378	662 932	17.6	2.1	X
	11183	Sheets	59	3 204 239	553 613	17.3	1.7	X
	11184	Bars and bar-size shapes	39	1 438 314	204 872	14.2	.6	X
	11185	Other stainless steel, including tubing	41	1 551 072	228 926	14.8	.7	X
	11200	Copper and brass	77	3 780 757	2 460 035	65.1	7.7	65.3
	11212	Flat products, including sheets, strips, and plates	64	1 948 387	1 336 890	68.6	4.2	X
	11213	Tubular products	13	257 131	92 901	36.1	.3	X
	11214	Rods, nonelectrical wire, and extruded shapes	10	1 631 665	106 720	6.5	.3	X
	11220	Aluminum shapes and forms, including pipes and tubing	129	4 168 392	1 403 826	33.7	4.4	67.9
	11221	Plates - .250 inches and over	42	1 246 118	118 157	9.5	.4	X
	11222	Sheets and coils - .006 to .249 inches	65	2 137 214	309 161	14.5	1.0	X
	11223	Rolled or extruded rods, bars, and wires, including rounds, hexes, squares, and rectangles	91	3 107 127	894 346	28.8	2.8	X
	11224	Pipes and tubing, including hollow bar, square, and rectangular tubing	36	872 603	70 167	8.0	.2	X
	11230	Other nonferrous metals, including magnesium, nickel, tin, lead, and zinc, excluding gemstones	25	2 370 228	1 718 624	72.5	5.4	X
	11700	Hardware	21	326 252	29 694	9.1	.1	46.0
	11712	Bolts, nuts, rivets, and other fasteners, excluding nails	17	171 725	16 680	9.7	.1	X
	12320	General-purpose industrial machinery, equipment, and parts	8	114 340	13 843	12.1	Z	X
	12900	Ferrous metal scrap	24	732 514	10 541	1.4	Z	X
	12920	Nonferrous metal scrap	16	519 224	10 779	2.1	Z	X
	15300	Plastics materials and basic shapes	83	910 182	104 695	11.5	.3	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	15	115 517	25 838	22.4	.1	X
	19700	Service receipts and labor charges, including installed parts	31	3 714 854	186 205	5.0	.6	71.8
	19701	Labor charges for repair work	12	403 151	10 227	2.5	Z	X
	19703	Other service receipts and labor charges	19	3 311 703	169 512	5.1	.5	X
	19810	Miscellaneous commodities	99	1 554 982	110 485	7.1	.3	X
	19940	Rental and operating lease receipts	7	27 722	1 127	4.1	Z	X
423510		Metal service centers and other metal merchant wholesalers	692	X	31 876 847	X	100.0	71.8
	10740	Other construction products and materials	43	531 554	115 741	21.8	.4	X
	11100	Semi-finished iron and steel products	52	4 879 090	1 890 505	38.7	5.9	71.7
	11111	Sheet bars and tin plate bars	8	293 358	139 053	47.4	.4	X
	11113	Rough castings and foundry products	12	1 692 195	929 838	54.9	2.9	X
	11116	Other semi-finished iron and steel products	27	2 742 593	266 013	9.7	.8	X
	11120	Flat iron and steel products	224	20 914 656	18 053 460	86.3	56.6	63.1
	11121	Plates	47	1 272 813	209 089	16.4	.7	X
	11122	Hot-rolled and cold-rolled strips	40	1 180 997	298 338	25.3	.9	X
	11123	Cold-rolled sheets	100	16 880 274	4 339 990	25.7	13.6	X
	11124	Hot-rolled sheets	107	17 462 492	3 471 073	19.9	10.9	X
	11126	Galvanized and coated sheets	100	17 210 732	7 755 213	45.1	24.3	X
	11128	Fabricated and structural plate products	69	688 895	76 210	11.1	.2	X
	11129	Other flat iron and steel products	73	9 496 010	1 899 268	20.0	6.0	X
	11140	Iron and steel wire and wire products	113	869 714	339 337	39.0	1.1	64.9
	11141	Wire, including plain, coated, barbed, and twisted	83	683 530	217 795	31.9	.7	X
	11143	Wire rope, strand, strapping, reinforcement mesh, and bale ties	30	186 184	121 542	65.3	.4	X
	11150	Iron and steel pipes and tubing	264	3 848 024	1 796 840	46.7	5.6	69.2
	11152	Tubing	112	2 663 728	551 306	20.7	1.7	X
	11153	Standard steel pipes	56	1 484 212	377 687	25.4	1.2	X
	11154	Other steel pipes	168	1 467 198	866 264	59.0	2.7	X
	11160	Other iron and steel products	197	2 691 942	1 144 358	42.5	3.6	66.6
	11162	Hot-rolled bars and bar-size shapes, excluding reinforcement bars	35	1 164 065	494 216	42.5	1.6	X
	11163	Cold-finished bars and bar-size shapes	37	915 580	43 897	4.8	.1	X
	11164	Concrete reinforcement bars	24	303 792	64 699	21.3	.2	X
	11165	Structural shapes, excluding bar-size shapes	35	770 844	104 396	13.5	.3	X
	11167	Other finished products	128	1 199 592	437 150	36.4	1.4	X
	11170	Alloy steel	42	3 592 507	694 635	19.3	2.2	71.0
	11171	Hot-rolled or cold-finished bars	18	483 900	2 976	.6	Z	X
	11173	Pipes, tubing, and plates	12	624 936	314 604	50.3	1.0	X
	11175	Other alloy steel	14	2 527 601	377 055	14.9	1.2	X

See footnotes at end of table.

Table 3. Product Lines by Kind of Business for the United States: 2002—Con.

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only establishments of firms with payroll. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

2002 NAICS code	2002 Product line code	Kind of business and product line ¹	Establishments with the product line		Product line sales			Response coverage ³ (percent)
			Number	Total sales (\$1,000)	Amount ² (\$1,000)	As percent of total sales of—		
						Estab- lishments with the product line	All estab- lishments ²	
423510		MANUFACTURERS' SALES BRANCHES AND OFFICES— Con.						
		Metal service centers and other metal merchant wholesalers—Con.						
	11180	Stainless steel	104	6 638 699	1 697 129	25.6	5.3	70.8
	11181	Plates	38	1 201 034	46 786	3.9	.1	X
	11182	Strip	39	3 768 378	662 932	17.6	2.1	X
	11183	Sheets	59	3 204 239	553 613	17.3	1.7	X
	11184	Bars and bar-size shapes	39	1 438 314	204 872	14.2	.6	X
	11185	Other stainless steel, including tubing	41	1 551 072	228 926	14.8	.7	X
	11200	Copper and brass	77	3 780 757	2 460 035	65.1	7.7	65.3
	11212	Flat products, including sheets, strips, and plates	64	1 948 387	1 336 890	68.6	4.2	X
	11213	Tubular products	13	257 131	92 901	36.1	.3	X
	11214	Rods, nonelectrical wire, and extruded shapes	10	1 631 665	106 720	6.5	.3	X
	11220	Aluminum shapes and forms, including pipes and tubing	129	4 168 392	1 403 826	33.7	4.4	67.9
	11221	Plates - .250 inches and over	42	1 246 118	118 157	9.5	.4	X
	11222	Sheets and coils - .006 to .249 inches	65	2 137 214	309 161	14.5	1.0	X
	11223	Rolled or extruded rods, bars, and wires, including rounds, hexes, squares, and rectangles	91	3 107 127	894 346	28.8	2.8	X
	11224	Pipes and tubing, including hollow bar, square, and rectangular tubing	36	872 603	70 167	8.0	.2	X
	11230	Other nonferrous metals, including magnesium, nickel, tin, lead, and zinc, excluding gemstones	25	2 370 228	1 718 624	72.5	5.4	X
	11700	Hardware	21	326 252	29 694	9.1	.1	46.0
	11712	Bolts, nuts, rivets, and other fasteners, excluding nails	17	171 725	16 680	9.7	.1	X
	12320	General-purpose industrial machinery, equipment, and parts	8	114 340	13 843	12.1	Z	X
	12900	Ferrous metal scrap	24	732 514	10 541	1.4	Z	X
	12920	Nonferrous metal scrap	16	519 224	10 779	2.1	Z	X
	15300	Plastics materials and basic shapes	83	910 182	104 695	11.5	.3	X
	15330	Chemicals and allied products, excluding agricultural chemicals, plastics, industrial and natural gases, liquefied petroleum (LP), and petroleum ..	15	115 517	25 838	22.4	.1	X
	19700	Service receipts and labor charges, including installed parts	31	3 714 854	186 205	5.0	.6	71.8
	19701	Labor charges for repair work	12	403 151	10 227	2.5	Z	X
	19703	Other service receipts and labor charges	19	3 311 703	169 512	5.1	.5	X
	19810	Miscellaneous commodities	99	1 554 982	110 485	7.1	.3	X
	19940	Rental and operating lease receipts	7	27 722	1 127	4.1	Z	X
42352		Coal and other mineral and ore merchant wholesalers	38	X	4 036 838	X	100.0	56.5
	11300	Coal and coke	24	3 476 321	3 476 321	100.0	86.1	56.3
	11311	Coal	21	3 449 032	3 449 032	100.0	85.4	X
423520	11320	Minerals and ores, excluding coal, gemstones, and crude oil	14	560 517	546 981	97.6	13.6	X
		Coal and other mineral and ore merchant wholesalers	38	X	4 036 838	X	100.0	56.5
	11300	Coal and coke	24	3 476 321	3 476 321	100.0	86.1	56.3
	11311	Coal	21	3 449 032	3 449 032	100.0	85.4	X
	11320	Minerals and ores, excluding coal, gemstones, and crude oil	14	560 517	546 981	97.6	13.6	X

¹For the 2002 Economic Census, the definition of Merchant Wholesalers and the kind-of-business and type-of-operation structures for the Wholesale Trade sector changed to reflect revisions to the 1997 North American Industry Classification System (NAICS). For more details, see Comparability of the 1997 and 2002 Economic Censuses.

²Product line sales and/or product line percents may not sum to totals due to exclusion of selected lines to avoid disclosing data for individual companies, due to rounding, and/or due to exclusion of lines that did not meet publication criteria.

³Sales of establishments reporting product line sales as percent of total sales.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

Table 4. Concentration by Largest Firms for the United States: 2002

[These data are preliminary and are subject to change; they will be superseded by data released in later reports. Includes only firms and establishments of firms with payroll. Excludes data for corporate, subsidiary, and regional managing offices and establishments of these firms that are classified in other categories than those specified in this table. For meaning of abbreviations and symbols, see introductory text. For explanation of terms, see Appendix A. For method of assignment to categories shown, see Appendix C. Data based on the 2002 Economic Census. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see note at end of table]

2002 NAICS code	Largest firms based on sales by type of operation and kind of business ¹	Establishments (number)	Sales		Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)
			Amount (\$1,000)	As percent of total			
	WHOLESALE TRADE						
4235	Metal and mineral (except petroleum) merchant wholesalers						
	All firms	10 971	116 629 412	100.0	6 493 343	1 571 283	146 030
	4 largest firms	40	13 897 336	11.9	143 399	35 407	1 548
	8 largest firms	196	21 553 427	18.5	446 854	113 179	8 218
	20 largest firms	386	36 694 100	31.5	827 820	208 273	14 991
	50 largest firms	935	52 717 849	45.2	1 565 936	392 507	31 427
42351	Metal service centers and other metal merchant wholesalers						
	All firms	10 442	107 103 474	100.0	6 306 338	1 523 453	142 825
	4 largest firms	40	13 897 336	13.0	143 399	35 407	1 548
	8 largest firms	196	21 553 427	20.1	446 854	113 179	8 218
	20 largest firms	451	36 114 761	33.7	920 466	228 967	17 294
	50 largest firms	950	50 403 071	47.1	1 617 748	405 377	32 432
423510	Metal service centers and other metal merchant wholesalers						
	All firms	10 442	107 103 474	100.0	6 306 338	1 523 453	142 825
	4 largest firms	40	13 897 336	13.0	143 399	35 407	1 548
	8 largest firms	196	21 553 427	20.1	446 854	113 179	8 218
	20 largest firms	451	36 114 761	33.7	920 466	228 967	17 294
	50 largest firms	950	50 403 071	47.1	1 617 748	405 377	32 432
42352	Coal and other mineral and ore merchant wholesalers						
	All firms	529	9 525 938	100.0	187 005	47 830	3 205
	4 largest firms	33	3 606 269	37.9	29 540	10 133	444
	8 largest firms	49	4 945 485	51.9	44 418	13 470	605
	20 largest firms	70	6 614 168	69.4	62 694	17 701	809
	50 largest firms	121	8 128 096	85.3	100 927	26 729	1 373
423520	Coal and other mineral and ore merchant wholesalers						
	All firms	529	9 525 938	100.0	187 005	47 830	3 205
	4 largest firms	33	3 606 269	37.9	29 540	10 133	444
	8 largest firms	49	4 945 485	51.9	44 418	13 470	605
	20 largest firms	70	6 614 168	69.4	62 694	17 701	809
	50 largest firms	121	8 128 096	85.3	100 927	26 729	1 373
42393	Recyclable material merchant wholesalers						
	All firms	7 145	28 207 100	100.0	2 637 490	622 864	82 433
	4 largest firms	112	3 886 183	13.8	127 471	30 837	3 132
	8 largest firms	181	5 577 868	19.8	228 404	54 976	5 753
	20 largest firms	304	8 683 267	30.8	392 265	93 749	9 612
	50 largest firms	455	12 030 453	42.7	624 636	152 208	15 685
423930	Recyclable material merchant wholesalers						
	All firms	7 145	28 207 100	100.0	2 637 490	622 864	82 433
	4 largest firms	112	3 886 183	13.8	127 471	30 837	3 132
	8 largest firms	181	5 577 868	19.8	228 404	54 976	5 753
	20 largest firms	304	8 683 267	30.8	392 265	93 749	9 612
	50 largest firms	455	12 030 453	42.7	624 636	152 208	15 685
	MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES						
4235	Metal and mineral (except petroleum) merchant wholesalers						
	All firms	10 241	80 715 727	100.0	5 716 387	1 376 370	131 480
	4 largest firms	129	7 051 107	8.7	228 798	57 928	4 648
	8 largest firms	254	12 021 205	14.9	448 548	110 954	9 153
	20 largest firms	480	20 099 765	24.9	803 100	199 790	17 212
	50 largest firms	748	30 082 219	37.3	1 284 569	320 778	26 841
42351	Metal service centers and other metal merchant wholesalers						
	All firms	9 750	75 226 627	100.0	5 558 071	1 338 240	128 596
	4 largest firms	129	7 051 107	9.4	228 798	57 928	4 648
	8 largest firms	254	12 021 205	16.0	448 548	110 954	9 153
	20 largest firms	476	19 906 597	26.5	850 263	211 798	18 166
	50 largest firms	744	29 312 133	39.0	1 277 397	319 531	26 742
423510	Metal service centers and other metal merchant wholesalers						
	All firms	9 750	75 226 627	100.0	5 558 071	1 338 240	128 596
	4 largest firms	129	7 051 107	9.4	228 798	57 928	4 648
	8 largest firms	254	12 021 205	16.0	448 548	110 954	9 153
	20 largest firms	476	19 906 597	26.5	850 263	211 798	18 166
	50 largest firms	744	29 312 133	39.0	1 277 397	319 531	26 742
42352	Coal and other mineral and ore merchant wholesalers						
	All firms	491	5 489 100	100.0	158 316	38 130	2 884
	4 largest firms	14	1 445 357	26.3	20 528	4 798	366
	8 largest firms	23	2 057 773	37.5	27 004	6 384	444
	20 largest firms	39	3 222 642	58.7	50 422	11 938	731
	50 largest firms	101	4 316 447	78.6	85 501	20 499	1 284
423520	Coal and other mineral and ore merchant wholesalers						
	All firms	491	5 489 100	100.0	158 316	38 130	2 884
	4 largest firms	14	1 445 357	26.3	20 528	4 798	366
	8 largest firms	23	2 057 773	37.5	27 004	6 384	444
	20 largest firms	39	3 222 642	58.7	50 422	11 938	731
	50 largest firms	101	4 316 447	78.6	85 501	20 499	1 284

See footnotes at end of table.

Table 4. Concentration by Largest Firms for the United States: 2002—Con.

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2002 NAICS code	Largest firms based on sales by type of operation and kind of business ¹	Establishments (number)	Sales		Annual payroll (\$1,000)	First-quarter payroll (\$1,000)	Paid employees for pay period including March 12 (number)
			Amount (\$1,000)	As percent of total			
	MERCHANT WHOLESALERS, EXCEPT MANUFACTURERS' SALES BRANCHES AND OFFICES —Con.						
42393	Recyclable material merchant wholesalers						
	All firms	7 145	28 207 100	100.0	2 637 490	622 864	82 433
	4 largest firms	112	3 886 183	13.8	127 471	30 837	3 132
	8 largest firms	181	5 577 868	19.8	228 404	54 976	5 753
	20 largest firms	304	8 683 267	30.8	392 265	93 749	9 612
	50 largest firms	455	12 030 453	42.7	624 636	152 208	15 685
423930	Recyclable material merchant wholesalers						
	All firms	7 145	28 207 100	100.0	2 637 490	622 864	82 433
	4 largest firms	112	3 886 183	13.8	127 471	30 837	3 132
	8 largest firms	181	5 577 868	19.8	228 404	54 976	5 753
	20 largest firms	304	8 683 267	30.8	392 265	93 749	9 612
	50 largest firms	455	12 030 453	42.7	624 636	152 208	15 685
	MANUFACTURERS' SALES BRANCHES AND OFFICES						
4235	Metal and mineral (except petroleum) merchant wholesalers						
	All firms	730	35 913 685	100.0	776 956	194 913	14 550
	4 largest firms	33	12 820 626	35.7	132 999	32 987	1 384
	8 largest firms	58	18 735 071	52.2	183 906	45 117	2 023
	20 largest firms	141	26 456 365	73.7	357 463	90 638	5 132
	50 largest firms	426	32 747 291	91.2	554 239	139 528	9 433
42351	Metal service centers and other metal merchant wholesalers						
	All firms	692	31 876 847	100.0	748 267	185 213	14 229
	4 largest firms	33	12 820 626	40.2	132 999	32 987	1 384
	8 largest firms	65	18 569 714	58.3	210 587	51 640	2 327
	20 largest firms	199	24 497 728	76.9	379 769	94 848	5 946
	50 largest firms	429	29 389 167	92.2	563 847	139 039	9 898
423510	Metal service centers and other metal merchant wholesalers						
	All firms	692	31 876 847	100.0	748 267	185 213	14 229
	4 largest firms	33	12 820 626	40.2	132 999	32 987	1 384
	8 largest firms	65	18 569 714	58.3	210 587	51 640	2 327
	20 largest firms	199	24 497 728	76.9	379 769	94 848	5 946
	50 largest firms	429	29 389 167	92.2	563 847	139 039	9 898
42352	Coal and other mineral and ore merchant wholesalers						
	All firms	38	4 036 838	100.0	28 689	9 700	321
	4 largest firms	21	3 370 850	83.5	16 545	6 795	166
	8 largest firms	26	3 935 583	97.5	25 145	8 844	253
	20 largest firms	38	4 036 838	100.0	28 689	9 700	321
	50 largest firms	38	4 036 838	100.0	28 689	9 700	321
423520	Coal and other mineral and ore merchant wholesalers						
	All firms	38	4 036 838	100.0	28 689	9 700	321
	4 largest firms	21	3 370 850	83.5	16 545	6 795	166
	8 largest firms	26	3 935 583	97.5	25 145	8 844	253
	20 largest firms	38	4 036 838	100.0	28 689	9 700	321
	50 largest firms	38	4 036 838	100.0	28 689	9 700	321

¹For the 2002 Economic Census, the definition of Merchant Wholesalers and the kind-of-business and type-of-operation structures for the Wholesale Trade sector changed to reflect revisions to the 1997 North American Industry Classification System (NAICS). For more details, see Comparability of the 1997 and 2002 Economic Censuses.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling error. Data users who create their own estimates using data from this table should cite the Census Bureau as the source of the original data only. See also explanation of terms and geographic definitions. For the full technical documentation, see Appendix C.

Appendix A.

Explanation of Terms

ANNUAL PAYROLL

Payroll includes all forms of compensation, such as salaries, wages, commissions, dismissal pay, bonuses, vacation allowances, sick-leave pay, and employee contributions to qualified pension plans paid during the year to all employees and reported on Internal Revenue Service (IRS) Form 941 as taxable Medicare Wages and tips (even if not subject to income or FICA tax). Includes tips and gratuities received by employees from patrons and reported to employers. Excludes payrolls of departments or concessions operated by other companies at the establishment. For corporations, payroll includes amounts paid to officers and executives; for unincorporated businesses, it does not include profit or other compensation of proprietors or partners. Payroll is reported before deductions for social security, income tax, insurance, union dues, etc. This definition of payroll is the same as that used by the IRS on Form 941.

ESTABLISHMENTS

An establishment is a single physical location at which business is conducted. It is not necessarily identical with a company or enterprise, which may consist of one establishment or more. Wholesale trade figures represent a summary of reports for individual establishments rather than companies. For cases where a census report was received, separate information was obtained for each location where business was conducted. When administrative records of other federal agencies were used instead of a census report, no information was available on the number of locations operated. Each wholesale trade establishment was tabulated according to the physical location at which the business was conducted. The count of establishments represents those in business at any time during 2002.

When two activities or more were carried on at a single location under a single ownership, all activities generally were grouped together as a single establishment. The entire establishment was classified on the basis of its major activity and all data for it were included in that classification. However, when distinct and separate economic activities (for which different industry classification codes were appropriate) were conducted at a single location under a single ownership, separate establishment reports for each of the different activities were obtained in the census.

FIRMS

A firm is a business organization or entity consisting of one domestic establishment (location) or more under common ownership or control. All establishments of subsidiary firms are included as part of the owning or controlling firm. For the economic census, the terms "firm" and "company" are synonymous.

FIRST-QUARTER PAYROLL

Represents payroll paid to persons employed at any time during the quarter January to March 2002.

PAID EMPLOYEES FOR PAY PERIOD INCLUDING MARCH 12

Paid employees consist of full- and part-time employees, including salaried officers and executives of corporations, who were on the payroll during the pay period including March 12. Included are employees on paid sick leave, paid holidays, and paid vacations; not included are proprietors and partners of unincorporated businesses; full- and part-time leased employees whose payroll was

filed under an employee leasing company's Employer Identification Number (EIN); and temporary staffing obtained from a staffing service. The definition of paid employees is the same as that used by the Internal Revenue Service (IRS) on Form 941.

SALES

Includes merchandise sold for cash or credit by establishments primarily engaged in wholesale trade; receipts from rental of vehicles, equipment, instruments, tools, etc.; receipts for delivery, installation, maintenance, repair, alteration, storage, and other services; gasoline, liquor, tobacco, and other excise taxes that are paid by the manufacturer and passed on to the wholesaler; and shipping and handling receipts.

Sales are net after deductions for refunds and allowances for merchandise returned by customers. Trade-in allowances are not deducted from sales. Sales do not include carrying or other credit charges; sales and other taxes (including Hawaii's General Excise Tax) collected from customers and forwarded to taxing authorities; and nonoperating income from such sources as investments, rental or sales of real estate, and interest.

Sales do not include wholesale sales made by manufacturers, retailers, service establishments, or other businesses whose primary activity is other than wholesale trade. They do include receipts other than from the sale of merchandise at wholesale, e.g., service receipts, retail sales, etc., by establishments primarily engaged in wholesale trade.

TYPES OF OPERATION

In addition to being classified by kind of business, merchant wholesale establishments are also classified by type of operation according to the ownership of the business and character of the transactions. Merchant wholesale establishments are grouped into the following two major types of operation and related subgroups:

Merchant wholesalers, except manufacturers' sales branches and offices. Establishments primarily engaged in buying and selling merchandise on their own account. Included here are such types of establishments as wholesale distributors and jobbers, importers, exporters, own-brand importers/marketers, terminal and country grain elevators, and farm products assemblers.

Wholesale distributors and jobbers. Establishments primarily engaged in buying and selling merchandise in the domestic market not manufactured by the parent company.

Importers. Establishments buying and selling goods at wholesale on their own account, whose principal source of purchases was foreign.

Exporters. Establishments primarily engaged in purchasing goods in the United States and selling them to foreign customers.

Own-brand importers/marketers. Companies or establishments that deal primarily or exclusively in the parent company's own branded products manufactured outside the United States. The products are either imported into the United States and then sold or they are sold and then drop-shipped directly from a foreign location to the United States customer.

Terminal grain elevators. Grain elevators primarily engaged in buying and selling grain received from country grain elevators and grain marketing establishments. They have sizable space for grain storage, and products are received primarily by rail or barge rather than by truck.

Country grain elevators. Grain elevators, cooperative or other, buying and receiving grain directly from farmers by truck and selling at wholesale.

Assemblers of farm products, except country grain elevators. Establishments primarily engaged in purchasing directly from farmers and assembling and marketing farm products at wholesale.

Manufacturers' sales branches and offices. Establishments primarily maintained by manufacturing, refining, and mining companies apart from their plants or mines for marketing their products at wholesale. Sales branches and offices located at plants or administrative offices are classified as manufacturers' sales branches or offices, if separate records are available.

Manufacturers' sales branches. Branches with a stock of merchandise for sale. Included are refiner marketers owned and operated by petroleum refining companies primarily for marketing their products.

Manufacturers' sales offices. Offices without a stock of merchandise for sale.

Appendix B.

NAICS Codes, Titles, and Descriptions

PART 1. 2002 NAICS

4235 METAL AND MINERAL (EXCEPT PETROLEUM) MERCHANT WHOLESALERS

This NAICS Industry Group comprises establishments classified in the following NAICS Industries: 42351, Metal Service Centers and Other Metal Merchant Wholesalers; and 42352, Coal and Other Mineral and Ore Merchant Wholesalers.

42351 METAL SERVICE CENTERS AND OTHER METAL MERCHANT WHOLESALERS

This industry comprises establishments primarily engaged in the merchant wholesale distribution of products of the primary metals industries. Service centers maintain inventory and may perform functions, such as sawing, shearing, bending, leveling, cleaning, or edging, on a custom basis as part of sales transactions.

423510 METAL SERVICE CENTERS AND OTHER METAL MERCHANT WHOLESALERS

This industry comprises establishments primarily engaged in the merchant wholesale distribution of products of the primary metals industries. Service centers maintain inventory and may perform functions, such as sawing, shearing, bending, leveling, cleaning, or edging, on a custom basis as part of sales transactions.

42352 COAL AND OTHER MINERAL AND ORE MERCHANT WHOLESALERS

This industry comprises establishments primarily engaged in the merchant wholesale distribution of coal, coke, metal ores, and/or nonmetallic minerals (except precious and semiprecious stones and minerals used in construction, such as sand and gravel).

423520 COAL AND OTHER MINERAL AND ORE MERCHANT WHOLESALERS

This industry comprises establishments primarily engaged in the merchant wholesale distribution of coal, coke, metal ores, and/or nonmetallic minerals (except precious and semiprecious stones and minerals used in construction, such as sand and gravel).

42393 RECYCLABLE MATERIAL MERCHANT WHOLESALERS

This industry comprises establishments primarily engaged in the merchant wholesale distribution of automotive scrap, industrial scrap, and other recyclable materials. Included in this industry are auto wreckers primarily engaged in dismantling motor vehicles for the purpose of wholesaling scrap.

423930 RECYCLABLE MATERIAL MERCHANT WHOLESALERS

This industry comprises establishments primarily engaged in the merchant wholesale distribution of automotive scrap, industrial scrap, and other recyclable materials. Included in this industry are auto wreckers primarily engaged in dismantling motor vehicles for the purpose of wholesaling scrap.

PART 2. 1997 NAICS

4215 METAL AND MINERAL (EXCEPT PETROLEUM) WHOLESALERS

This NAICS Industry Group includes establishments classified in the following NAICS Industries: 42151, Metal Service Centers and Offices; and 42152, Coal and Other Mineral and Ore Wholesalers.

42151 METAL SERVICE CENTERS AND OFFICES

This industry comprises establishments primarily engaged in wholesaling products of the primary metals industries. Service centers maintain inventory and may perform functions, such as sawing, shearing, bending, leveling, cleaning, or edging, on a custom basis as part of sales transactions. Sales offices are usually affiliated or owned by a particular manufacturer and take orders but have no inventory.

421510 METAL SERVICE CENTERS AND OFFICES

This industry comprises establishments primarily engaged in wholesaling products of the primary metals industries. Service centers maintain inventory and may perform functions, such as sawing, shearing, bending, leveling, cleaning, or edging, on a custom basis as part of sales transactions. Sales offices are usually affiliated or owned by a particular manufacturer and take orders but have no inventory.

42152 COAL AND OTHER MINERAL AND ORE WHOLESALERS

This industry comprises establishments primarily engaged in wholesaling coal, coke, metal ores, and/or nonmetallic minerals (except precious and semiprecious stones and minerals used in construction, such as sand and gravel).

421520 COAL AND OTHER MINERAL AND ORE WHOLESALERS

This industry comprises establishments primarily engaged in wholesaling coal, coke, metal ores, and/or nonmetallic minerals (except precious and semiprecious stones and minerals used in construction, such as sand and gravel).

42193 RECYCLABLE MATERIAL WHOLESALERS

This industry comprises establishments primarily engaged in wholesaling scrap from automotive, industrial, and other recyclable materials. Included in this industry are auto wreckers primarily engaged in dismantling motor vehicles for the purpose of wholesaling scrap.

421930 RECYCLABLE MATERIAL WHOLESALERS

This industry comprises establishments primarily engaged in wholesaling scrap from automotive, industrial, and other recyclable materials. Included in this industry are auto wreckers primarily engaged in dismantling motor vehicles for the purpose of wholesaling scrap.

Appendix C.

Methodology

SOURCES OF THE DATA

For this sector, essentially all firms were sent report forms to be completed for each of their establishments and returned to the Census Bureau. For some very small firms, data from existing administrative records of other federal agencies were used instead. These records provide basic information on location, kind of business, sales, payroll, number of employees, and legal form of organization.

Firms in the 2002 Economic Census are divided into those sent report forms and those not sent report forms. The coverage of and the method of obtaining census information from each are described below:

1. Establishments sent a report form:
 - a. Large employers, i.e., all multiestablishment firms, and all employer firms with payroll above a specified cutoff. (The term "employers" refers to firms with one or more paid employees at any time during 2002 as shown in the active administrative records of other federal agencies.)
 - b. A sample of small employers, i.e., single-establishment firms with payroll below a specified cutoff in classifications for which specialized data precludes reliance solely on administrative records sources. The sample was stratified by industry and geography.
2. Establishments not sent a report form:
 - a. Small employers, i.e., single-establishment firms with payroll below a specified cutoff, not selected into the small employer sample. Although the payroll cutoff varies by kind of business, small employers not sent a report form generally include firms with less than 10 employees and represent about 10 percent of total sales of establishments covered in the census. Data on sales, payroll, and employment for these small employers were derived or estimated from administrative records of other federal agencies.
 - b. All nonemployers, i.e., all firms subject to federal income tax with no paid employees during 2002. Sales or receipts information for these firms was obtained from administrative records of other federal agencies. Although consisting of many firms, nonemployers account for less than 10 percent of total sales or receipts of all establishments covered in the census. Data for nonemployers are not included in this report, but are released in the annual *Nonemployer Statistics* series.

The report forms used to collect information for establishments in this sector are available at help.econ.census.gov/econhelp/resources/.

A more detailed examination of census methodology is presented in the *History of the Economic Census* at www.census.gov/econ/www/history.html.

INDUSTRY CLASSIFICATION OF ESTABLISHMENTS

The classifications for all establishments are based on the *North American Industry Classification System, United States, 2002* manual. Changes between 1997 and 2002 affecting this sector are discussed in the text at the beginning of this report. Tables at www.census.gov/epcd/naics02/ identify those industries that changed between the 1997 North American Industry Classification System (NAICS) and 2002 NAICS.

The method of assigning classifications and the level of detail at which establishments were classified depends on whether a report form was obtained for the establishment.

1. Establishments that returned a report form were classified on the basis of their self-designation, sales of product lines, and responses to other industry-specific inquiries.
2. Establishments without a report form:
 - a. Small employers not sent a form were, where possible, classified on the basis of the most current kind-of-business classification available from one of the Census Bureau's current sample surveys or the 1997 Economic Census. Otherwise, the classification was obtained from administrative records of other federal agencies. If the census or administrative record classifications proved inadequate (none corresponded to a 2002 Economic Census classification in the detail required for employers), the firm was sent a brief inquiry requesting information necessary to assign a kind-of-business code.
 - b. Nonemployers were classified on the basis of information obtained from administrative records of other federal agencies.

RELIABILITY OF DATA

All data compiled in the economic census are subject to nonsampling errors. Nonsampling errors can be attributed to many sources during the development or execution of the census:

- inability to identify all cases in the actual universe;
- definition and classification difficulties;
- differences in the interpretation of questions;
- errors in recording or coding the data obtained; and
- other errors of collection, response, coverage, processing, and estimation for missing or misreported data.

Data presented in the Miscellaneous Subjects and the Product Lines reports for this sector are subject to sampling errors, as well as nonsampling errors. Specifically, these data are estimated based on information obtained from census report forms mailed to all large employers and to a sample of small employers in the universe. Sampling errors affect these estimates, insofar, as they may differ from results that would be obtained from a complete enumeration.

The accuracy of these tabulated data is determined by the joint effects of the various nonsampling errors or by the joint effects of sampling and nonsampling errors. No direct measurement of these effects has been obtained except for estimation for missing or misreported data; however, precautionary steps were taken in all phases of the collection, processing, and tabulation of the data in an effort to minimize the effects of nonsampling errors.

The Census Bureau obtains limited information extracted from administrative records of other federal agencies, such as gross receipts from federal income tax records and employment and payroll from payroll tax records. This information is used in conjunction with other information available to the Census Bureau to develop estimates for nonemployers, small employers, and other establishments for which responses were not received in time for publication.

Key tables in this report include a column for "Percent of sales from administrative records." This includes sales information obtained from administrative records of other federal agencies. The "Percent of sales estimated" includes sales information that was imputed based on historic company ratios or administrative records, or on industry averages.

The Census Bureau recommends that data users incorporate this information into their analyses, as nonsampling error and sampling error could impact the conclusions drawn from economic census data.

TREATMENT OF NONRESPONSE

Census report forms included two different types of inquiries, “basic” and “industry-specific.” Data for the basic inquiries, which include location, kind of business or operation, sales, payroll, and number of employees, were available from a combination of sources for all establishments. Data for industry-specific inquiries, tailored to the particular kinds of business or operation covered by the report, were available only from those establishments sent a report form that completed the appropriate inquiries.

Data for industry-specific inquiries in this sector were expanded in most cases to account for establishments that did not respond to the particular inquiry for which data are presented. Unless otherwise noted in specific reports, data for industry-specific inquiries were expanded in direct relationship to total sales of all establishments included in the category. In a few cases, expansion on the basis of the sales item was not appropriate, and another basic data item was used as the basis for expansion of reported data to account for nonrespondents.

All reports in which industry-specific data were expanded include a coverage indicator for each publication category, which shows the sales of establishments responding to the industry-specific inquiry as a percent of total sales for all establishments for which data are shown. For some inquiries, coverage is determined by the ratio of total payroll or employment of establishments responding to the inquiry to total payroll or employment of all establishments in the category.

CONCENTRATION CATEGORIES

Concentration categories are based on aggregate sales of all establishments operated by the same firm in a given kind-of-business classification or group for which data are presented. For example, a firm operating three wholesale establishments – a hardware merchant wholesaler (NAICS 42371), a plumbing equipment merchant wholesaler (NAICS 42372), and an electrical appliance merchant wholesaler (NAICS 42362) – would be treated as three one-establishment firms at the most detailed NAICS level, as a two-establishment firm in NAICS 4237 and a one-establishment firm in NAICS 4236, and as a single three-establishment firm in wholesale trade totals.

DISCLOSURE

In accordance with federal law governing census reports (Title 13 of the United States Code), no data are published that would disclose the operations of an individual establishment or business. However, the number of establishments in a kind-of-business classification is not considered a disclosure; therefore, this information may be released even though other information is withheld. Techniques employed to limit disclosure are discussed at www.census.gov/epcd/ec02/disclosure.htm.

Appendix D. Geographic Notes

Not applicable for this report.

Appendix E. Metropolitan and Micropolitan Statistical Areas

Not applicable for this report.

